

[illegible]

[illegible]



[illegible]

[illegible]

[illegible][illegible]

1

[illegible]

[illegible][illegible]

姓名	性别	年龄	籍贯	职业	文化程度	健康状况	婚姻状况	子女情况	其他
王德胜	男	45	山东	工人	高中	良好	已婚	2子1女	
李小红	女	38	河南	教师	大学	良好	已婚	1子1女	
张国强	男	52	江苏	干部	大学	良好	已婚	2子1女	
刘玉华	女	41	湖北	工人	初中	良好	已婚	1子1女	
陈为民	男	35	浙江	教师	大学	良好	已婚	1子1女	
赵子龙	男	48	四川	工人	高中	良好	已婚	2子1女	
周小芳	女	32	湖南	教师	大学	良好	已婚	1子1女	
吴大伟	男	55	广东	干部	大学	良好	已婚	2子1女	
孙丽娟	女	43	安徽	工人	初中	良好	已婚	1子1女	
郑为民	男	37	江西	教师	大学	良好	已婚	1子1女	
冯国强	男	50	福建	工人	高中	良好	已婚	2子1女	
马小华	女	39	广西	教师	大学	良好	已婚	1子1女	
朱大伟	男	46	海南	干部	大学	良好	已婚	2子1女	
李丽娟	女	44	重庆	工人	初中	良好	已婚	1子1女	
周为民	男	36	贵州	教师	大学	良好	已婚	1子1女	
吴国强	男	51	云南	工人	高中	良好	已婚	2子1女	
孙小芳	女	33	陕西	教师	大学	良好	已婚	1子1女	
郑大伟	男	49	甘肃	干部	大学	良好	已婚	2子1女	
冯丽娟	女	42	宁夏	工人	初中	良好	已婚	1子1女	
马为民	男	38	青海	教师	大学	良好	已婚	1子1女	
朱国强	男	53	新疆	工人	高中	良好	已婚	2子1女	
李小华	女	40	内蒙古	教师	大学	良好	已婚	1子1女	
周大伟	男	47	吉林	干部	大学	良好	已婚	2子1女	
孙丽娟	女	45	黑龙江	工人	初中	良好	已婚	1子1女	
郑为民	男	35	辽宁	教师	大学	良好	已婚	1子1女	
吴国强	男	54	河北	工人	高中	良好	已婚	2子1女	
孙小芳	女	34	山西	教师	大学	良好	已婚	1子1女	
郑大伟	男	50	山东	干部	大学	良好	已婚	2子1女	
冯丽娟	女	43	河南	工人	初中	良好	已婚	1子1女	
马为民	男	39	湖北	教师	大学	良好	已婚	1子1女	
朱国强	男	52	江苏	工人	高中	良好	已婚	2子1女	
李小华	女	41	浙江	教师	大学	良好	已婚	1子1女	
周大伟	男	48	安徽	干部	大学	良好	已婚	2子1女	
孙丽娟	女	46	江西	工人	初中	良好	已婚	1子1女	
郑为民	男	36	福建	教师	大学	良好	已婚	1子1女	
吴国强	男	51	广东	工人	高中	良好	已婚	2子1女	
孙小芳	女	33	广西	教师	大学	良好	已婚	1子1女	
郑大伟	男	49	海南	干部	大学	良好	已婚	2子1女	
冯丽娟	女	42	重庆	工人	初中	良好	已婚	1子1女	
马为民	男	38	贵州	教师	大学	良好	已婚	1子1女	
朱国强	男	53	云南	工人	高中	良好	已婚	2子1女	
李小华	女	40	陕西	教师	大学	良好	已婚	1子1女	
周大伟	男	47	甘肃	干部	大学	良好	已婚	2子1女	
孙丽娟	女	45	宁夏	工人	初中	良好	已婚	1子1女	
郑为民	男	35	青海	教师	大学	良好	已婚	1子1女	
吴国强	男	54	新疆	工人	高中	良好	已婚	2子1女	
孙小芳	女	34	内蒙古	教师	大学	良好	已婚	1子1女	
郑大伟	男	50	吉林	干部	大学	良好	已婚	2子1女	
冯丽娟	女	43	黑龙江	工人	初中	良好	已婚	1子1女	
马为民	男	39	辽宁	教师	大学	良好			

[illegible]

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
--	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	---

[illegible]

[illegible][illegible]



[illegible][illegible]

[illegible][illegible]

HKMLF77	604743	1204	blastx.2	PRO2550.	sp AAG35515 AAG35515	96%	587	685
						96%	587	685
						93%	588	686
						93%	589	687
						90%	587	685
HKMLM32	826523	1205	blastx.2	CDNA FLJ11786 fis, clone HEMBA1006036.	sp AAG35515 AAG35515	70%	633	433
						66%	773	684
						41%	532	446
						66%	672	628
HKMLR17	847432	1206	HMMER 2.1.1	PFAM: CUB domain	sp BAB13911 BAB13911	68%	991	860
			blastx.2	PROCOLLAGEN C-TERMINAL PROTEINASE ENHANCER PROTEIN 2.	PF00431	145	425	760
HKMLT89	826167	1207	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp Q9UKZ9 Q9UKZ9	100%	8	1210
HKMLV05	663924	1208	blastx.2	PRO2550.	sp AAG35515 AAG35515	79%	1595	1290
HKMLV25	695731	1209	blastx.2	LR8.	sp Q9Y609 Q9Y609	98%	2	334
						97%	328	474
						40%	266	340
HKMMP90	746876	1213	blastx.2	ORF 73.	sp O40947 O40947	24%	1054	1677
						24%	1060	1701
						25%	1054	1659
						24%	1054	1716
						23%	1054	1623
						24%	1012	1716
						24%	1054	1569
						22%	1012	1716
						30%	237	398
						32%	237	407
						29%	240	443
						30%	210	317
HKPAC10	527238	1215	blastx.2	CDNA FLJ11786 fis, clone HEMBA1006036.	sp BAB13911 BAB13911	58%	991	677
HKPAC50	830367	1216	blastx.2	NADH-UBIQUINONE	sp O95139 NB7M_HUM	84%	106	324

					OXIDOREDUCTASE B17 SUBUNIT (EC 1.6.5.3) 1	AN			
HKTAC18	831292	1218	blastx.2		SORTING NEXIN 13 (FRAGMENT).	sp Q9Y5W8 SNXD_HU MAN	96% 88%	38 3	400 53
HLISA89	839594	1219	blastx.2		MITOCHONDRIAL 28S RIBOSOMAL PROTEIN S2 (MRP-S2).	sp Q9Y399 Q9Y399	99%	63	653
HL2AB60	722226	1220	blastx.2		ANCIENT UBIQUITOUS PROTEIN 1 PRECURSOR.	sp Q9Y679 AUP1_HUM AN	99% 100%	397 64	1293 402
HL3AF32	753468	1222	blastx.2		CG18445 PROTEIN.	sp Q9V5F2 Q9V5F2	37%	9	524
HLDAV70	623603	1223	blastx.2		DYNACTIN P62 SUBUNIT (CDNA FLJ20292 FIS, CLONE HEP05374).	sp Q9UJW0 Q9UJW0	100%	175	285
HLDBL62	899498	1224	blastx.2		HEPATOCELLULAR CARCINOMA-ASSOCIATED ANTIGEN 112.	sp Q9NYC7 Q9NYC7	100%	36	740
HLDBV18	805684	1225	blastx.2		CDNA: FLJ21022 fis, clone CAE06383.	sp BAB14957 BAB14957	99%	284	1198
HLDBV54	570813	1226	HMMER 2.1.1		PFAM: Sec1 family	PF00995	18.7	180	332
			blastx.2		CDNA: FLJ22976 fis, clone KAT11222 (Fragment).	sp BAB15513 BAB15513	92% 65%	707 663	787 785
HLDNF18	821599	1230	WUblastx.6 4		(AK000830) unnamed protein product [Homo sapiens]	dbj BAA91392.1	78%	17	583
HLDNN84	612801	1231	blastx.2		UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	56% 57%	574 743	753 883
HLDOD77	610208	1232	blastx.2		PVA1 GENE.	sp Q26195 Q26195	62% 66%	596 694	414 632
HLDOL74	812765	1233	blastx.2		HSPC279 (FRAGMENT).	sp Q9P0A2 Q9P0A2	100%	21	671
HLDRU08	701995	1235	blastx.2		CDNA FLJ10793 FIS, CLONE NT2RP4000588.	sp Q9NVVD7 Q9NVVD7	99%	13	729
HLDXF43	514022	1236	blastx.2		cytochrome-c oxidase (EC 1.9.3.1) chain II - human mitochondrion	pir A00472 OBHU2	64%	164	559
HLEAA10	824265	1237	blastx.2		MARINER TRANSPOSASE.	sp Q13579 Q13579	78% 85%	738 842	13 741

HLHAE14	865625	1239	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14287 Q14287	60% 37%	1968 1819	1804 1667
HLHAE14	886763	1240	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14287 Q14287	60% 38%	1969 1820	1805 1680
HLHBS54	837503	1241	blastx.2	SELENOPEPTIDE N PRECURSOR.	sp Q9NZV5 SELN_HUMAN	94%	1	1488
HLHCG24	847398	1244	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	78% 95%	1124 891	900 829
HLHCT96	886178	1247	blastx.2	PRO1722.	sp Q9P195 Q9P195	68% 65% 55%	2132 1823 1915	1917 1695 1841
HLHDJ05	841732	1250	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	66% 68% 66%	708 830 707	547 708 672
HLHDL37	847399	1251	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	78%	690	571
HLHDL69	883335	1252	blastx.2	PEPTIDE/HISTIDINE TRANSPORTER.	sp O09014 O09014	87% 88%	598 305	1314 592
HLHDL69	850691	1253	blastx.2	PEPTIDE/HISTIDINE TRANSPORTER.	sp O09014 O09014	88% 75%	330 305	1484 340
HLHDL69	843836	1254	blastx.2	PEPTIDE/HISTIDINE TRANSPORTER.	sp O09014 O09014	88% 75%	330 305	1484 340
HLHDL69	855906	1255	blastx.2	PEPTIDE/HISTIDINE TRANSPORTER.	sp O09014 O09014	88% 75%	330 305	1484 340
HLHDM38	566843	1256	blastx.2	hypothetical protein DKFZp434L0130.1 - human	pir T46471 T46471	61% 45% 41%	476 6 172	886 326 339
HLHDR92	692150	1257	blastx.2	PRO2550.	sp AAG35515 AAG35515	54% 74% 77%	1268 1267 1171	1104 1175 1106
HLHDY94	847121	1258	blastx.2	HYPOTHETICAL 43.0 KDA PROTEIN.	sp O00572 O00572	73% 88%	18 619	842 876
HLHEI72	874180	1261	HMMER 2.1.1 blastx.2	PFAM: Eukaryotic protein kinase domain SIMILARITY IS TO SERINE/THREONINE-	PF00069 sp Q9Y6S4 Q9Y6S4	106.7 97% 91%	101 89 589	403 526 657

HLHEX62	608285	1262	blastx.2	PROTEIN KINASE (FRAGMENT). PRO2550.	sp AAG35515 AAG35515	70%	1117	833
HLHFK59	581065	1263	blastx.2	hypothetical protein C0845c - malaria parasite (Plasmodium falciparum)	pir T18513 T18513	70%	715	816
HLHFP09	805967	1264	blastx.2	DJ453C12.3 (MATRILIN-4).	sp Q9Y524 Q9Y524	99% 38%	3 102	881 737
HLHGG78	638210	1265	blastx.2	DIPHOSPHONOSITOL POLYPHOSPHATE PHOSPHOHYDROLASE.	sp O95989 O95989	100%	10	291
HLHSQ35	570814	1267	blastx.2	RNA BINDING PROTEIN NAPOR-3 (FRAGMENT).	sp Q9JIX6 Q9JIX6	87% 100%	711 671	827 712
HLHTP55	847322	1269	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	56% 50%	462 320	635 433
HLIBD74	604914	1270	blastx.2	CDNA: FLJ21128 fis, clone CAS06258.	sp BAB15001 BAB15001	98%	12	290
HLIBE41	772762	1271	blastx.2	(AF338424) coenzyme A diphosphatase [Mus musculus]	gb AAK07483.1 AF338424_1	59%	77	409
HLLEX64	827292	1275	blastx.2	DnaJ-like protein MTJ1 - mouse	pir JC4030 JC4030	88% 74% 89% 30% 32% 66% 45% 36% 36%	395 1023 27 758 1257 364 1428 536 761	1057 1502 416 973 1478 417 1499 676 817
HLLEX95	588405	1276	blastx.2	PVA1 GENE.	sp Q26195 Q26195	52%	675	406
HLMCT51	772579	1280	blastx.2	CDNA FLJ11786 fis, clone HEMBA1006036.	sp BAB13911 BAB13911	72%	1510	1379
HLMCT95	570815	1281	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	61% 60%	1445 1192	1194 1118
HLMDD65	566891	1282	blastx.2	INTERFERON-REGULATED RESISTANCE GTP-BINDING PROTEIN MXA 1	sp P20591 MX1_HUMAN	96% 100%	571 489	720 575

HLMFB62	604915	1285	blastx.2	CDNA: FLJ21617 fis, clone COL07481.	sp BAB15100 BAB15100	68%	154	2
HLMFU53	801936	1287	blastx.2	LNV.	sp AAG15398 AAG15398	81%	1141	620
HLMHG68	580850	1288	blastx.2	(AL139349) bA261P9.2 (putative novel protein similar to fly CG7340) [Homo sapiens]	emb CAC19813.1	96%	305	775
HLMHN06	853606	1289	blastx.2	probable transposase - human transposon MER37	pir S72481 S72481	80%	262	107
HLMIM84	588487	1291	blastx.2	CGI-105 PROTEIN.	sp Q9Y3B0 Q9Y3B0	59%	456	286
HLMIW76	570816	1294	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	98%	645	806
						91%	296	367
						65%	776	474
						65%	770	591
						69%	736	590
						85%	531	490
						63%	601	536
						57%	528	472
						59%	600	535
						57%	528	472
HLQAD72	853613	1298	HMMER 2.1.1	PFAM: Pancreatic ribonucleases	PF00074	213.4	208	564
			WUblastx.6 4	RNase 4 [Homo sapiens]	dbj BAA07150.1	90%	124	564
HLQAM30	609880	1299	blastx.2	PRO1902 PROTEIN.	sp Q9UHT1 Q9UHT1	73%	617	480
						57%	490	398
						76%	648	610
HLQAM59	560662	1300	blastx.2	UNNAMED PROTEIN PRODUCT.	sp Q9N044 Q9N044	70%	818	1051
HLQCY09	745384	1304	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	58%	759	505
						44%	1025	945
						57%	884	843
HLQDK45	621414	1307	blastx.2	RBP-MS/TYPE 3.	sp Q92517 Q92517	100%	609	737
HLQDM47	743237	1308	blastx.2	giant protein p619 - human	pir S71752 S71752	92%	377	616
HLRAD72	588406	1310	blastx.2	SIMILAR TO RING-H2 FINGER PROTEIN RHA1A.	sp Q9SNH1 Q9SNH1	100%	495	433
						100%	495	433
HLTDI20	610269	1317	blastx.2	CDNA: FLJ22385 fis, clone HRC07610.	sp BAB15330 BAB15330	95%	58	186
						70%	5	76

HLTDI65	740756	1318	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	61% 46% 60% 47% 63% 42% 48% 36% 51% 68% 57% 54% 48% 55% 30% 69% 42% 33% 47%	1263 1315 1275 1848 2015 1833 1939 1285 1848 1457 2095 1958 1443 1955 1939 1530 1513 1296 2095	1463 1608 1484 2027 2149 2018 2079 1464 1949 1513 2157 2029 1544 2038 2133 1568 1605 1460 2163
HLTDK30	834810	1319	blastx.2	CDNA FLJ12133 fis, clone MAMMA1000278.	sp BAB13983 BAB13983	97% 97% 100%	740 213 502	1180 506 747
HLTDL37	638213	1320	blastx.2	CGI-74 PROTEIN.	sp Q9Y383 Q9Y383	98% 33% 39% 39% 66%	2 302 614 653 1084	1120 1123 1021 994 1155
HLTDU35	827293	1321	blastx.2	PRO2738.	sp Q9P1C6 Q9P1C6	37% 78% 60%	1127 958 906	954 902 823
HLTDX04	596818	1322	blastx.2	(AP002460) gene_id:F1D9.26~unknown protein [Arabidopsis thaliana]	dbj BAA97098.1	90% 93% 93% 93% 93% 93%	1337 1340 1340 1340 1340 1340	1468 1468 1468 1468 1468 1468



[illegible][illegible]

[illegible][illegible]

\_\_\_\_\_

[illegible]

[illegible]

[illegible]

HLTEH84	782094	1323	blastx.2	CDNA: FLJ23188 fis, clone LNG12038.	sp BAB15571 BAB15571	93%	1340	1468
HLTEL39	853615	1324	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	67%	1545	1387
HLTEW52	663148	1326	blastx.2	CDNA FLJ20378 FIS, CLONE KALA0536.	sp Q9NX85 Q9NX85	39%	1391	1218
HLTEZ36	821676	1327	blastx.2	PRO2550.	sp AAG35515 AAG35515	83%	1534	1244
HLTGG14	824068	1328	blastx.2	UNNAMED PROTEIN PRODUCT.	sp Q9N032 Q9N032	76%	7	171
HLUAF94	794116	1329	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	70%	1142	1020
HLWAH33	855954	1330	blastx.2	PRED43 PROTEIN (FRAGMENT).	sp Q9NSI3 Q9NSI3	64%	1430	1206
HLWAO11	885339	1331	blastx.2	Polydom protein precursor.	sp AAG32160 AAG32160	52%	1492	1430
						100%	1660	1761
						96%	25	102
						78%	14	2656
						33%	14	2371
						30%	152	2635
						33%	2	2383
						30%	14	2371
						32%	14	1627
						29%	14	1699
						28%	506	1408
						32%	680	1426
						31%	14	646

HLWAX50	809094	1333	blastx.2	ADAM 12 PRECURSOR (EC 3.4.24.-) (A DISINTEGRIN AND 1	sp O43184 AD12_HUMAN	30%	2	628
						30%	38	640
						24%	494	1990
						28%	161	787
						28%	1469	2020
						32%	2084	2617
						34%	14	373
						41%	2369	2635
						42%	2369	2641
						33%	80	448
						35%	1019	1297
						27%	170	964
						29%	1472	1969
						33%	1745	2074
						25%	14	478
						28%	1886	2179
						44%	2456	2635
						44%	2369	2545
						25%	1310	1771
						29%	2249	2638
						32%	1430	1654
						23%	1142	1609
						36%	1145	1288
						36%	2003	2110
						19%	1382	2194
						35%	95	187
						25%	455	709
						33%	556	636
						28%	2354	2560
						25%	440	673
						32%	869	961
						33%	173	271
						96%	628	1629
						93%	1587	2285
						93%	197	661
						64%	178	255
						43%	1553	1669

HLWBK16	638217	1335	blastx.2	ACTIN-BINDING PROTEIN HOMOLOG ABP-278.	sp Q9UEV9 Q9UEV9	94%	679	1191
						41%	706	1185
						37%	688	1173
						37%	703	1185
						38%	706	1185
						34%	691	1185
						34%	730	1188
						43%	590	1000
						33%	691	1170
						36%	715	1149
						32%	688	1179
						31%	703	1182
						28%	703	1176
						30%	664	1179
						33%	727	1164
						30%	703	1188
						33%	691	1158
						28%	691	1185
						30%	682	1185
						31%	691	1179
						32%	745	1125
						30%	748	1125
						35%	590	865
						37%	853	1125
						37%	593	775
						43%	593	778
						42%	593	784
						32%	949	1173
						41%	593	778
						32%	551	775
						45%	593	733
						32%	572	784
						44%	593	721
						46%	590	700
						52%	605	700
						54%	593	679
						36%	599	712



HL YAJ79	608289	1339	blastx.2	H+-transporting ATP synthase (EC 3.6.1.34) protein 6 - human mitochondrion	pir A01049 PWHU6	40% 34%	599 673	700 750
HL YAT54	581067	1342	blastx.2	CDNA FLJ12802 fis, clone NT2RP2002124, weakly similar to 1	sp BAB14279 BAB14279	93%	35	220
HL YBC81	588490	1343	blastx.2	NAG13.	sp AAG27485 AAG27485	43% 43%	1373 1312	1711 1380
HL YBD09	610019	1344	blastx.2	CDNA FLJ20378 FIS, CLONE KAlA0536.	sp Q9NX85 Q9NX85	57% 69%	1391 1546	1537 1644
HL YBL67	834538	1345	blastx.2	(AB055298) hypothetical protein [Macaca fascicularis]	dbj BAB21923.1	59% 80%	223 176	348 235
HL YBN23	667995	1347	blastx.2	PRO0478 PROTEIN.	sp Q9UI59 Q9UI59	80% 83%	1333 1397	1395 1450
HL YBT28	608152	1350	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	57%	1082	774
HL YBY04	596819	1352	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	69% 65%	1565 1413	1389 1261
HL YCE15	621407	1353	blastx.2	CDNA FLJ14310 fis, clone PLACE3000271.	sp BAB14900 BAB14900	75%	547	425
HL YCH04	608295	1354	blastx.2	LINE-1 ELEMENT ORF2.	sp O62658 O62658	47% 45%	106 7	273 39
HL YDE38	735987	1356	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	64% 47%	1106 987	1005 835
HL YDG55	835625	1357	blastx.2	CDNA: FLJ23147 fis, clone LNG09295.	sp BAB15557 BAB15557	72%	641	423
HL YEA60	685469	1359	blastx.2	X-linked retinopathy protein (C-terminal, clone XEH.8c) - human (fragment)	pir A46010 A46010	66%	177	28
HL YEJ14	853362	1360	blastx.2	GLYCOSYLPHOSPHATIDYL INOSITOL-ANCHORED PROTEIN GPI-80.	sp Q9UMW2 Q9UMW2	100%	94	1653
HL YEJ44	838149	1361	blastx.2	(AL121845) dJ583P15.4.1 (novel protein (translation of	emb CAC03671.1	90% 53%	225 124	1007 420

HL YEU51	607815	1362			blastx.2	cdna FLJ20406 (Em:AK000413))) [Homo sapiens]	sp Q9NX85 Q9NX85	71%	371	517
HL YGV19	826334	1363			blastx.2	CDNA FLJ20378 FIS, CLONE KAlA0536. (AL136610) hypothetical protein [Homo sapiens]	emb CAB66545.1	78% 67%	857 691	708 563
HMA BK52	853363	1364			blastx.2	UNNAMED PROTEIN PRODUCT.	sp Q9N032 Q9N032	99%	144	644
HMA CL77	853365	1366			blastx.2	HYPOTHETICAL 30.9 KDA PROTEIN.	sp O95564 O95564	62%	1136	1002
HMA CT74	843744	1367			blastx.2	gamma-interferon-inducible protein IP-30 precursor - human	pir A43708 A43708	100%	8	325
HMA DJ14	843725	1368			blastx.2	(AF305068) DC-specific transmembrane protein [Homo sapiens]	gb AAG39167.1 AF305068_1	94%	403	639
HMA DJ74	795479	1369			blastx.2	(AF305068) DC-specific transmembrane protein [Homo sapiens]	gb AAG39167.1 AF305068_1	90% 96%	47 871	880 945
HMA EA58	872563	1370			blastx.2	CDNA FLJ20378 FIS, CLONE KAlA0536.	sp Q9NX85 Q9NX85	90% 85%	186 1010	989 1393
HMA GF01	837235	1371			blastx.2	RAB5 GDP/GTP EXCHANGE FACTOR HOMOLOGUE.	sp Q9UJ41 Q9UJ41	71% 36%	1339 584	1172 519
HMA CED78	829071	1373			blastx.2	CDNA FLJ20533 FIS, CLONE KAT10931.	sp Q9NWY5 Q9NWY5	99%	71	1543
HMA CGJ47	699850	1375			blastx.2	SERINE PALMITOYLTRANSFERASE 1 (EC 2.3.1.50) (LONG CHAIN 1 1	sp O15269 LCB1_HUMAN	98% 100%	380	862
HMA CGK88	654854	1376			blastx.2	DJ1056H1.2.1 (novel protein similar to mitogen inducible protein MIG-2 (isoform 1)) (Fragment).	sp CAC03433 CAC03433	98% 100%	495 11	1430 511
HMA CIH27	862038	1377			blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	52% 64%	982 506	449 336
HMA CIQ20	827296	1378			blastx.2	UNNAMED PORTEIN	sp Q9N083 Q9N083	70%	1305	1063
								69%	1119	1003

HMDAE88	638222	1381	blastx.2	PRODUCT. PRO0898.	sp AAG35479 AAG35479	81%	844	734
HMDAM39	602907	1385	blastx.2	PRO1722.	sp Q9P195 Q9P195	58%	1010	843
HMEAA41	587304	1386	blastx.2	CDNA: FLJ22282 fis, clone HRC03861.	sp BAB15286 BAB15286	50%	1011	904
HMEEH21	603187	1388	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	67%	648	388
HMEEZ07	638225	1390	blastx.2	F-BOX PROTEIN FBX9.	sp Q9UK97 Q9UK97	100%	9	419
HMEIH57	840370	1392	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14288 Q14288	53%	1236	190
HMEIJ21	767276	1393	blastx.2	(AL136929) hypothetical protein [Homo sapiens]	emb CAB66863.1	74%	238	11
HMEJC96	761218	1395	blastx.2	MEMBRANE GLYCOPROTEIN GP36 PRECURSOR.	sp O60836 O60836	59%	847	650
HMEJD36	688860	1396	blastx.2	FLJ00047 protein (Fragment).	sp BAB15745 BAB15745	58%	1348	1190
HMEJK28	825591	1397	blastx.2	NON-HISTONE CHROMOSOMAL PROTEIN.	sp O00479 O00479	69%	371	303
HMEKW44	825499	1399	blastx.2	HYPOTHETICAL 16.6 KDA PROTEIN (FRAGMENT).	sp O18975 O18975	57%	1691	840
HMEKW71	855955	1400	blastx.2	(AL512735) hypothetical protein [Homo sapiens]	emb CAC21666.1	66%	2388	1771
HMHBI09	847402	1403	blastx.2	54TMP.	sp O95070 O95070	50%	828	709
HMHBI93	844729	1404	blastx.2	TGFB1-INDUCED ANTI- APOPTOTIC FACTOR 1 (12 KDA 1	sp Q9Z1S4 TIAF_MOUSE E	100%	193	669
HMIAC52	825484	1406	blastx.2	HRHFB2018 PROTEIN (FRAGMENT).	sp O94792 O94792	54%	1059	1199
HMIAG42	846339	1408	blastx.2	REGULATOR OF G	sp O76081 O76081	100%	216	485
						98%	7	198
						96%	579	758
						59%	36	683
						100%	1391	1735
						100%	67	927
						70%	941	1201
						38%	1118	1219
						100%	1080	1730

HMIAG55	736020	1409	blastx.2	PROTEIN SIGNALING. ribosomal protein L11, cytosolic [validated] - rat	pir JT0606 RSRT11	67%	424	609
HMIAG72	824091	1410	blastx.2	CRE BINDING PROTEIN- LIKE 2.	sp O60519 O60519	100%	318	677
HMIAO82	833070	1412	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	68% 76% 53% 49% 58% 69% 43% 34% 31% 36% 65% 56% 61% 48% 52% 33% 76% 41% 83% 38% 35% 57%	2459 2493 2462 1473 1485 1507 2553 2454 1372 2489 1656 1576 1646 1548 1466 1539 2701 1704 1739 2468 1709 2710	2695 2693 2755 1802 1679 1665 2780 2708 1794 2758 1742 1665 1723 1661 1537 1667 2739 1790 1774 2560 1801 2751
HMIAR42	809096	1413	blastx.2	INTERFERON-RELATED DEVELOPMENTAL REGULATOR 1 (NERVE 1	sp O00458 IFR1_HUMA N	99% 91% 87%	7 831 1046	849 1052 1165
HMIARV33	668252	1414	blastx.2	DNA, L1 ELEMENT INSERTION IN INTRON 3 OF MITF GENE.	sp Q9QYM3 Q9QYM3	52% 38% 36% 40% 28% 41% 25%	1167 1051 431 612 1084 138 963	1346 1182 126 418 611 10 802

HMIBE95	804597	1417	blastx.2	probable transposase - human transposon MER37	pir S72481 S72481	54% 60% 64% 62% 80%	1355 1932 1221 1783 1375	1948 2075 1355 1863 1434
HMKAN71	884161	1420	blastx.2	CDNA FLJ10983 FIS, CLONE PLACE1001781, WEAKLY SIMILAR TO 1	sp Q9NV22 Q9NV22	99%	12	1385
HMKBA33	596949	1421	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	59% 59% 49% 52% 68% 38% 46% 46% 40% 35% 48% 58% 42% 59% 37% 38% 35% 33% 45% 42%	1312 1689 1661 1336 1281 1622 1689 1148 1147 1225 1528 1233 1686 1142 1578 1592 1680 1314 498 677	1016 1459 1392 1118 1141 1371 1516 1002 971 1013 1400 1147 1603 1077 1393 1416 1516 1147 439 621
HMKCK32	561576	1423	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	61%	619	335
HMKDD51	894846	1426	blastx.2	(AP002460) gene_id:F1D9.26--unknown protein [Arabidopsis thaliana]	dbj BAA97098.1	54% 49% 49% 49% 49% 49% 49%	896 878 878 878 878 878 878	1150 1150 1150 1150 1150 1150 1150

[illegible][illegible]



[illegible][illegible]





HMKDM80	608168	1428	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	70% 71%	175 615	11 574
HMKEG88	634245	1429	blastx.2	PUTATIVE P150.	sp Q00378 Q00378	47%	294	4
HMMAA09	822859	1430	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	67%	1325	999
HMMAK92	610100	1431	blastx.2	PRO0478 PROTEIN.	sp Q9UI59 Q9UI59	76%	554	682
HMMBF22	780406	1434	blastx.2	CDNA FLJ10707 FIS, CLONE NT2RP3000859.	sp Q9NV19 Q9NV19	98% 96% 56% 32%	824 407 1228 875	1225 499 1341 1183
HMMBH94	607463	1436	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	80% 77%	896 724	741 593
HMMBK55	608179	1437	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	65% 66% 58%	766 521 480	527 468 430
HMMBT47	804594	1441	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	65% 65%	1238 1074	1047 937
HMMCD35	607840	1442	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	57%	811	521
HMMCD95	603202	1443	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	62% 58%	1658 1498	1494 1397
HMPAB26	580854	1444	blastx.2	DEATH DOMAIN CONTAINING PROTEIN CRADD (CASPASE AND RIP 1)	sp P78560 CRAD_HUMAN	100%	66	365
HMQAI38	589964	1446	blastx.2	immune-responsive gene 1 - mouse (fragment)	pir I54546 I54546	72%	11	1363
HMQAT69	799551	1447	blastx.2	SORTING NEXIN 9 (SH3 AND PX DOMAIN-CONTAINING PROTEIN 1)	sp Q9Y5X1 SNX9_HUMAN	94% 93% 82%	739 56 660	1842 748 809
HMQBL90	600363	1448	blastx.2	pre-B cell Ig lambda-like omega light chain (non-rearranging) 14.1 - human	pir A33911 A33911	76% 52%	974 879	1309 1091
HMQBV82	826522	1449	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	68% 40%	1005 651	868 592
HMQCA75	767086	1450	blastx.2	PRO1722.	sp Q9P195 Q9P195	70%	1072	944

HMQCB37	732168	1451	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	69% 50%	1161 1238	1063 1167
HMQCX41	603388	1453	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	55% 43%	16 192	204 260
HMQDM09	664494	1454	blastx.2	SELENOPROTEIN X 1 (PROTEIN HSPC270).	sp Q9NZV6 SELX_HUMAN	98%	38	385
HMSAP33	731969	1456	blastx.2	PRO0663 (FRAGMENT).	sp Q9UI48 Q9UI48	78%	1553	1398
HMSAZ48	877650	1457	blastx.2	probable pol polyprotein-related protein 4 - rat	pir S21348 S21348	46% 66%	793 722	1218 784
HMSBN18	847405	1458	blastx.2	ZNF258.	sp O95789 O95789	65%	165	329
HMSBS25	826487	1459	blastx.2	K-CL COTRANSPORTER 3.	sp Q9Y642 Q9Y642	90% 77% 81%	188 1019 337	346 1189 384
HMSBU14	844443	1460	blastx.2	hypothetical protein DKFZp761L0812.1 - human (fragment)	pir T47135 T47135	54%	1081	1488
HMSCB94	847406	1462	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	80% 45%	1931 1690	1683 1589
HMSCK12	825475	1463	blastx.2	PRO1722.	sp Q9P195 Q9P195	81% 62%	622 771	491 613
HMSCV75	838530	1465	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	67% 45%	1438 1581	1301 1477
HMSCW44	716249	1467	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	61%	1268	954
HMSCZ19	847408	1468	blastx.2	(AL512760) hypothetical protein [Homo sapiens]	emb CAC21679.1	99% 91%	1 621	675 1124
HMSDI67	827298	1469	blastx.2	probable pol polyprotein-related protein 4 - rat	pir S21348 S21348	38% 55%	1748 1255	1284 1121
HMSDR28	801948	1471	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	72% 76%	1317 1097	1102 1035
HMSFT25	581069	1472	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	53% 68%	912 1088	1040 1144

HMSFW52	603177	1473	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	67% 63%	1348 1500	1506 1631
HMSGU30	847409	1475	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	57% 47%	1489 1436	1719 1498
HMSHB42	792385	1476	blastx.2	(AL136832) hypothetical protein [Homo sapiens]	emb CAB66766.1	97%	4	867
HMSHB42	600401	1477	blastx.2	(AL136832) hypothetical protein [Homo sapiens]	emb CAB66766.1	99%	4	1203
HMSHN72	855917	1478	blastx.2	Doublecortin.	sp AAG18479 AAG18479	88%	650	754
HMSHW73	704099	1480	blastx.2	PRO1722.	sp Q9P195 Q9P195	71% 65% 62%	2072 2131 2214	1935 2063 2134
HMSII36	825453	1482	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	50% 69%	51 23	221 61
HMSIT42	581070	1483	blastx.2	PRO2822.	sp Q9P147 Q9P147	80%	1160	936
HMSJB08	877651	1484	blastx.2	hypothetical 33.6K protein - rabbit fibroma virus	pir J1743 J1743	36% 33%	959 1411	648 1037
HMSJR44	638098	1487	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	72% 47% 75% 55%	1015 1182 798 715	803 1012 712 596
HMSKQ91	825450	1488	blastx.2	Hypothetical 15.8 kDa protein.	sp AAG17270 AAG17270	68%	864	742
HMTAF92	740784	1490	blastx.2	UBIQUITIN CARBOXYL-TERMINAL HYDROLASE 3 (EC 3.1.2.15) 1 1	sp Q9Y614 UBP3_HUMAN	93% 100% 93%	2053 1380 2211	644 1309 2167
HMTAT36	811885	1491	blastx.2	CDNA: FLJ21620 fis, clone COL07838.	sp BAB15101 BAB15101	100%	1	117
HMUAD65	809097	1493	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	67%	1524	1213
HMUAT23	897758	1494	blastx.2	CDNA: FLJ22976 fis, clone KAT11222 (Fragment).	sp BAB15513 BAB15513	100% 100% 96% 82% 96% 96%	1982 1983 1981 1968 1982 1981	2068 2069 2067 2069 2068 2067
HMUBJ22	824071	1496	blastx.2	(AP002460)	dbj BA97098.1	71%	1582	1749

[illegible][illegible]

[illegible][illegible]

[illegible][illegible]

0950083-091201

[illegible]



095083-09101

[illegible]

[illegible][illegible]

[illegible][illegible]

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard diet (SD) and the experimental group received a high-fat diet (HFD). The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard diet (SD) and the experimental group received a high-fat diet (HFD). The subjects were divided into two groups: the control group (n = 10) and the experimental group (n = 10). The control group received a standard diet (SD) and the experimental group received a high-fat diet (HFD).

[illegible]

[illegible]

[illegible]

HMUBK53	553624	1497	blastx.2	CDNA FLJ13156 fis, clone NT2RP3003490, weakly similar to 1			94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							94%	1639	1749
							87%	1632	1748
			100%	18	398				
HMUBO15	597434	1499	blastx.2	(AP002460) gene_id:F1D9.26~unknown protein [Arabidopsis thaliana]		dbj BAA97098.1	84%	617	808
							88%	630	809
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808
							88%	629	808

[illegible]



0605003-0300

[illegible]

[illegible][illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Case	Age	Sex	Duration	Location	Findings	Diagnosis
1	45	M	10 years	Right eye	Large, well-circumscribed, pigmented lesion	Benign melanocytic nevus
2	60	F	5 years	Left eye	Small, pigmented lesion	Benign melanocytic nevus
3	70	M	15 years	Right eye	Large, pigmented lesion	Benign melanocytic nevus
4	55	F	8 years	Left eye	Small, pigmented lesion	Benign melanocytic nevus
5	65	M	12 years	Right eye	Large, pigmented lesion	Benign melanocytic nevus
6	75	F	20 years	Left eye	Small, pigmented lesion	Benign melanocytic nevus
7	80	M	25 years	Right eye	Large, pigmented lesion	Benign melanocytic nevus
8	85	F	30 years	Left eye	Small, pigmented lesion	Benign melanocytic nevus
9	90	M	35 years	Right eye	Large, pigmented lesion	Benign melanocytic nevus
10	95	F	40 years	Left eye	Small, pigmented lesion	Benign melanocytic nevus

[illegible]

[illegible][illegible]



[illegible]

HMWCG28	847413	1520	blastx.2	KINASE DEFICIENT PROTEIN KDP (FRAGMENT).	sp Q9P1S9 Q9P1S9	99%	35	892
HMWCP85	757974	1521	blastx.2	Na+-dependent vitamin C (L- ascorbic acid) transporter SVCT1 - human	pir JC7182 JC7182	86% 65% 79% 89% 100% 32%	363 698 1181 37 769 187	737 1264 1507 297 834 540
HMWDC30	623758	1522	blastx.2	CG4263 PROTEIN.	sp Q9VQ76 Q9VQ76	37% 43%	30 1364	668 1411
HMWDU20	695743	1523	blastx.2	CDNA FLJ20335 FIS, CLONE HEP11429 (FRAGMENT).	sp Q9NXB8 Q9NXB8	98% 89% 75%	1004 918 347	1831 1034 454
HMWDZ63	608146	1525	blastx.2	ISOCITRATE DEHYDROGENASE [NAD] SUBUNIT GAMMA, MITOCHONDRIAL 1 ICDH).	sp P41565 IDHG_RAT	100% 33%	169 399	74 301
HMWEA77	839221	1526	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	71% 69% 53%	1281 761 1367	1075 645 1284
HMWEC03	598902	1527	blastx.2	HEAT SHOCK PROTEIN HSP60.	sp Q9P0X2 Q9P0X2	100% 99% 100%	573 105 1066	1064 572 1365
HMWEF46	825433	1528	blastx.2	(AL136803) hypothetical protein [Homo sapiens]	emb CAB66737.1	100%	1113	1226
HMWEK43	847414	1529	blastx.2	CDNA FLJ13520 fis, clone PLACE1005828.	sp BAB14616 BAB14616	46%	940	1167
HMWEM23	863105	1530	blastx.2	CDNA: FLJ22548 fis, clone HSI00519.	sp BAB15391 BAB15391	99% 95%	152 1086	1114 1532
HMWEM23	859387	1531	blastx.2	CDNA: FLJ22548 fis, clone HSI00519.	sp BAB15391 BAB15391	99% 95%	152 1086	1114 1532
HMWEU96	601698	2606	WUblastx.6 4	(AB039669) ALEX3 [Homo sapiens]	dbj BAA94602.1	88%	86	1222
HMWEX02	596821	1534	WUblastx.6 4	(AK024506) FLJ00116 protein [Homo sapiens]	dbj BAB15796.1	67%	509	1000
HMWFB65	638102	1535	blastx.2	MCD4P HOMOLOG.	sp O95427 O95427	100%	37	594

HMWFD77	610105	1536	blastx.2	PRO1902 PROTEIN.		sp Q9UHT1 Q9UHT1	98% 95% 68%	581 894 9	898 959 59
HMWFO25	566855	1537	blastx.2	CDNA FLJ12060 fis, clone HEMBB1002142.		sp BAB13965 BAB13965	51% 61%	496 351	350 289
HMWGM41	847415	1539	blastx.2	CDNA FLJ13352 fis, clone OVARC1002165, weakly similar to 1		sp BAB14568 BAB14568	100%	736	816
HMWGO95	582078	1540	blastx.2	CDNA: FLJ21463 fis, clone COL04765.		sp BAB15071 BAB15071	100%	33	986
HMWGV85	847416	1541	blastx.2	CDNA FLJ13631 fis, clone PLACE1011090, highly similar to 1		sp BAB14643 BAB14643	68% 82%	1390 1446	1145 1396
HMWGG42	824259	1542	blastx.2	CDNA: FLJ21463 fis, clone COL04765.		sp BAB15071 BAB15071	100%	41	298
HMWIQ26	722234	1545	blastx.2	BG:DS08220.1 PROTEIN.		sp Q9VJV4 Q9VJV4	50%	1304	1519
HMWJU49	800894	1546	blastx.2	APOPTOSIS-INDUCING FACTOR AIF.		sp Q95831 Q95831	43% 46% 43% 20%	493 931 221 388	5 395 162 20
HMWJJ62	838612	1547	blastx.2	CDNA: FLJ21463 fis, clone COL04765.		sp BAB15071 BAB15071	97% 98% 38%	379 3 1384	1362 407 1500
HMWJJ64	581071	1548	blastx.2	CG6949 PROTEIN.		sp Q9VCX3 Q9VCX3	64% 85% 62%	952 780 713	758 718 633
HNAAD76	596801	1549	blastx.2	UNNAMED PORTEIN PRODUCT.		sp Q9N083 Q9N083	43%	165	917
HNALD94	844722	1551	WUblastx.6 4	(AK000385) unnamed protein product [Homo sapiens]		dbj BAA91131.1	58% 56% 57% 65%	14 972 1822 1650	136 1019 1646 1528
HNALE44	785045	1552	blastx.2	FILAMIN, MUSCLE ISOFORM.		sp Q9Y503 Q9Y503	70% 72% 98% 42% 33%	764 816 79 79 16	817 926 1191 798 879

\_\_\_\_\_

2062

HNDAC35	847417	1553	blastx.2	PROTEIN AD-016 (PROTEIN CGI-116) (X0009).	sp Q9Y3C0 AD16_HUMAN	45%	12	77
HNEAK38	631279	1556	blastx.2	PVA1 GENE.	sp Q26195 Q26195	43%	1254	1343
HNEAK65	604991	1557	blastx.2	PRO1722.	sp Q9P195 Q9P195	31%	783	896
HNEBY79	841769	1559	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	36%	9	95
HNECL75	782493	1561	blastx.2	Pellino.	sp CAC04320 CAC04320	29%	18	98
HNECX90	834776	1562	blastx.2	HYPOTHETICAL 43.5 KDA PROTEIN.	sp Q9UJL8 Q9UJL8	46%	15	86
HNECX90	881133	1563	blastx.2	HYPOTHETICAL 43.5 KDA PROTEIN.	sp Q9UJL8 Q9UJL8	28%	1069	1182
HNEDP75	581072	1565	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	36%	12	77
HNEDQ02	846061	1566	blastx.2	CDNA FLJ10631 FIS, CLONE NT2RP2005635, WEAKLY SIMILAR TO 1	sp Q9NVM8 Q9NVM8	36%	18	92
HNEDU46	695745	1567	blastx.2	6-phosphofructo-2-kinase heart isoform.	sp BAB19681 BAB19681	26%	1790	1927
HNFAD50	839369	1568	blastx.2	(AJ298133) hypothetical protein [Homo sapiens]	emb CAC22252.1	52%	12	62
						100%	484	564
						71%	1376	1197
						71%	1204	1100
						29%	1383	1189
						82%	715	560
						72%	570	427
						65%	1519	1184
						47%	1205	909
						90%	933	904
						100%	627	1268
						96%	215	649
						100%	81	1265
						100%	81	1265
						63%	910	722
						97%	1018	2013
						64%	884	1063
						100%	343	420
						95%	137	208
						95%	766	825
						52%	128	859
						29%	1253	1555

HNFAD50	843242	1569	blastx.2	(AJ298133) hypothetical protein [Homo sapiens] (AX058048) unnamed protein product [Homo sapiens]	emb CAC22252.1	57% 29%	17 773	379 1075
HNFAG67	804546	1570	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	emb CAC22473.1	99%	327	857
HNFJC77	886185	1571	blastx.2		sp O60448 O60448	72% 55% 68% 45% 67% 36% 56% 39% 50% 30% 92% 51% 63% 38% 37%	1945 1944 1945 2346 1818 2346 2342 2297 1927 2349 2146 2254 2141 1745 2173	1796 1711 1793 2125 1717 2140 2220 2088 1844 2134 2105 2162 2088 1653 2102
HNFYC57	877653	1573	blastx.2	ANGIOTENSIN/VASOPRESSIN RECEPTOR AII/AVP.	sp O75434 O75434	75% 72% 39%	317 1604 1763	1849 2203 2110
HNFDL89	823362	1574	blastx.2	NINJURIN (NERVE INJURY-INDUCED PROTEIN 1).	sp Q92982 NINJ_HUMAN	100% 87% 50%	1964 2098 826	2107 2193 909
HNFDU92	602933	1576	blastx.2	PRO2822.	sp Q9P147 Q9P147	71% 76%	610 438	422 388
HNFY09	843300	1577	blastx.2	(AL137028) bA476115.3 (novel protein similar to septin) [Homo 1]	emb CAC28313.1	53% 72% 77%	1104 1265 1228	1238 1363 1281
HNFY31	724955	1578	blastx.2	DEAD-BOX PROTEIN 3 (HELICASE-LIKE PROTEIN 2) (HLP2) 1	sp O00571 DDX3_HUMAN	98% 98%	169 693	621 1028
HNFEA17	753242	1579	blastx.2	MAIL.	sp BAB18302 BAB18302	45% 49%	836 266	1306 565
HNFEP55	722236	1580	blastx.2	HYPOTHETICAL 73.6 KDA PROTEIN.	sp Q9NW80 Q9NW80	71% 41%	158 877	862 966

HNFET12	824170	1581	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	63%	1251	952
HNFRR59	634649	1582	blastx.2	CDNA FLJ14310 fis, clone PLACE3000271.	sp BAB14900 BAB14900	75%	1630	1511
HNFGR15	844044	1584	blastx.2	HYPOTHETICAL 15.4 KDA PROTEIN.	sp Q99770 Q99770	64% 53%	776 1128	886 1172
HNFGR53	589525	1586	blastx.2	PVA1 GENE.	sp Q26195 Q26195	71%	936	823
HNFHV68	567445	1589	blastx.2	pro-pol-dUTPase polypeptide - murine endogenous retrovirus ERV-L (fragment)	sp T29097 T29097	47%	380	24
HNFIE15	898153	1590	blastx.2	PRO2550.	sp AAG35515 AAG35515	59% 72%	2612 2374	2370 2300
HNFIE29	852233	1591	blastx.2	Hypothetical 12.9 kDa protein.	sp BAB12124 BAB12124	58%	1151	1387
HNFIE27	825400	1593	blastx.2	CDNA FLJ11197 FIS, CLONE PLACE1007690.	sp Q9NUQ9 Q9NUQ9	93%	986	1123
HNGAC71	695746	1595	blastx.2	PRO2822.	sp Q9P147 Q9P147	60% 70%	148 68	65 9
HNGAX06	841890	1599	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14288 Q14288	100%	22	108
HNGBE44	825391	1603	blastx.2	AXONEMAL DYNEIN HEAVY CHAIN (FRAGMENT).	sp O00437 O00437	96%	323	502
HNGBI83	566815	1605	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	59% 56% 74% 56% 51% 61% 44% 61% 53%	280 283 13 22 12 10 28 42 122	420 420 87 111 104 87 114 80 160
HNGBP30	603344	1607	blastx.2	Hypothetical 15.8 kDa protein.	sp AAG17270 AAG17270	54%	411	241
HNGCF29	580201	1611	blastx.2	PRO2550.	sp AAG35515 AAG35515	51%	1147	842
HNGCF64	823147	1612	blastx.2	Hypothetical 14.2 kDa protein.	sp AAG17216 AAG17216	53% 39%	1763 1932	1623 1765
HNGDF54	702002	1613	blastx.2	POSSIBLE SRPA.	sp Q9N8T2 Q9N8T2	29%	15	728

HNGDH27	581074	1615	blastx.2	RETINOBLASTOMA 1.	sp Q92722 Q92722	46%	290	99
HNGDN07	847081	1616	blastx.2	CDNA FLJ20378 FIS, CLONE KAIA0536.	sp Q9NX85 Q9NX85	42%	290	57
HNGEE06	689506	1622	blastx.2	CDNA FLJ12988 fis, clone NT2RP3000080.	sp BAB14376 BAB14376	38%	99	22
HNGEI64	732066	1625	blastx.2	RAT 2.4 KB REPEAT DNA RIGHT TERMINAL REGION (FRAGMENT).	sp Q63500 Q63500	75%	898	1089
HNGEN32	621308	1628	blastx.2	CDNA: FLJ22294 fis, clone HRC04426.	sp BAB15291 BAB15291	61%	1040	909
HNGET33	825378	1631	blastx.2	PRO2550.	sp AAG35515 AAG35515	43%	66	1
HNGEX18	621339	1632	blastx.2	DNA-binding protein - mouse (fragment)	pir JQ1058 JQ1058	51%	564	710
HNGEZ02	825376	1634	blastx.2	CDNA FLJ20378 FIS, CLONE KAIA0536.	sp Q9NX85 Q9NX85	57%	512	568
HNGEZ90	634858	1635	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	82%	400	567
HNGFA25	609887	1636	blastx.2	Extremely cysteine/valine rich protein (Fragment).	sp CAC02731 CAC02731	44%	293	400
HNGFD30	612782	1638	blastx.2	ORF3,SPLICEVARIANT_A.	sp O75423 O75423	78%	459	755
HNGFD31	663532	1639	blastx.2	X-linked retinopathy protein (C-terminal, clone XEH.8c) - human (fragment)	pir A46010 A46010	89%	11	67
HNGFG04	772548	1641	blastx.2	X-LIKE 1 PROTEIN.	sp Q9Y485 Q9Y485	32%	291	473
HNGFI21	581075	1645	blastx.2	PROLINE-RICH PROTEIN PRCC.	sp Q92733 PRCC_HUMA N	80%	819	938
HNGFT70	581079	1650	blastx.2	CDNA FLJ12155 fis, clone MAMMA1000472.	sp BAB13989 BAB13989	71%	1079	912
						60%	919	767
						98%	264	100
						62%	479	670
						46%	235	2
						42%	250	2
						47%	235	2
						43%	244	2
						49%	235	2
						40%	244	2
						43%	235	2
						43%	235	2



HNGGF13	638117	1653	WUblastx.6 4	HC1 ORF [Mus musculus]	emb CAA46991.1	38% 37%	13 13	183 186
HNGGK63	822862	1654	blastx.2	OLFACTORY RECEPTOR.	sp Q9QZ22 Q9QZ22	88% 84%	994 1224	278 991
HNGGT10	866179	1659	HMMER 2.1.1	PFAM: 3-beta hydroxysteroid dehydrogenase/isomerase family	PF01073	263.9	19	468
			blastx.2	3 beta-hydroxy-delta 5-C27- steroid oxidoreductase.	sp AAG37824 AAG37824	98%	10	480
HNGHB89	722238	1661	blastx.2	E-STOP PROTEIN.	sp O88748 O88748	97%	153	7
HNGHD07	608149	1662	blastx.2	Hypothetical 12.9 kDa protein.	sp BAB12124 BAB12124	65% 58%	1038 1168	1169 1218
HNGIK07	825360	1668	blastx.2	(AF063598) brain my040 protein [Homo sapiens]	gb AAG43157.1 AF06359 8_1	100%	1139	912
HNGIM40	747699	1669	blastx.2	CDNA: FLJ22921 fis, clone KAT06711.	sp BAB15502 BAB15502	83%	2354	2196
HNGIM83	751714	1670	HMMER 2.1.1	PFAM: HCO3- transporter family	PF00955	117.9	72	290
			blastx.2	BICARBONATE TRANSPORTER.	sp Q9UIB9 Q9UIB9	91%	9	290
HNGIO93	897527	1671	HMMER 2.1.1	PFAM: Ribosomal L27 protein	PF01016	71.7	-21	-233
			WUblastx.6 4	(AB049647) mitochondrial ribosomal protein L27 (L27mt) [Homo sapiens]	dbj BAB40852.1	88%	151	594
HNGIU16	826717	1673	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	69%	2517	2215
HNGIX91	564574	1674	blastx.2	CDNA FLJ14310 fis, clone PLACE3000271.	sp BAB14900 BAB14900	75% 80%	698 885	892 947
HNGJU60	825336	1682	blastx.2	Extremely cysteine/valine rich protein (Fragment).	sp CAC02731 CAC02731	54% 50% 51% 53% 52% 53% 48%	180 171 171 169 171 171 171	482 491 488 489 488 476 488

HNGKW35	899408	1684	blastx.2	HYPOTHETICAL 11.0 KDA PROTEIN (ORF2).	sp O00627 O00627	51%	171	482
HNGKY94	835021	1685	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	53%	169	489
HNHAB38	609892	1688	blastx.2	PRO2550.	sp AAG35515 AAG35515	70%	813	583
HNHAD34	612845	1690	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	66%	581	501
HNHAY26	704789	1698	blastx.2	PRO2852.	sp AAG35505 AAG35505	78%	635	339
HNHAZ20	839696	1700	blastx.2	(AF119045) unknown [Homo sapiens]	gb AAK02011.1	70%	1055	924
HNHBE21	606789	1701	blastx.2	protein BYJ15 - common tobacco (fragment)	pir T02229 T02229	85%	2098	1919
HNHBE38	562730	1702	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	99%	1213	11
						40%	1464	1375
						100%	102	176
						77%	1151	855
						51%	166	333
						53%	292	477
						70%	813	583
						66%	581	501
						78%	635	339
						70%	1055	924
						85%	2098	1919
						99%	1213	11
						40%	1464	1375
						100%	102	176
						77%	1151	855

HNHBG18	604924	1703	blastx.2	L1 ELEMENT L1.15 P40 PROTEIN.	sp O00365 O00365	30%	717	271
HNHBM16	566866	1705	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	68% 87%	337 80	80 33
HNHCH78	694657	1706	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	75%	5	298
HNHCT47	634691	1710	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	56% 46%	621 434	448 396
HNHDC52	812424	1713	blastx.2	L1 ELEMENT L1.15 P40 PROTEIN.	sp O00365 O00365	68% 32%	904 1038	269 910
HNHDI17	738043	1716	blastx.2	POT. ORF VI (FRAGMENT).	sp O95662 O95662	70% 80%	5 265	295 327
HNHDR57	638121	1719	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	69% 37%	1092 669	799 364
HNHDR96	664497	1720	blastx.2	hypothetical protein XF0051 [imported] - Xylella fastidiosa (strain 9a5c)	pir G82853 G82853	41% 52% 52% 41% 45% 48% 54% 48% 42%	1033 980 980 1021 993 975 980 975 1021	764 765 765 794 763 763 816 775 830
HNHDW34	607867	1722	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	66% 66%	985 1175	671 999
HNHEF70	610115	1728	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	66% 77% 80%	650 417 481	462 352 419
HNHEL22	607421	1731	blastx.2	CDNA FLJ11292 FIS, CLONE PLACE1009665.	sp Q9NUL2 Q9NUL2	72% 71%	363 280	656 342
HNHEN70	854712	1732	blastx.2	olfactory receptor OR18 - rat	pir S29710 S29710	67%	34	567
HNHEP41	638124	1734	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	73% 41%	736 915	635 730
HNHEZ76	618544	1738	blastx.2	(AP002460) gene_id:F1D9.26~unknown protein [Arabidopsis thaliana]	dbj BAA97098.1	28% 28% 28% 28%	357 357 357 357	19 19 19 19

[illegible]

0990032 09101

[illegible]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

[illegible]

095083-091501

[illegible]

05000901

[illegible]



[illegible][illegible]

[illegible][illegible]

[illegible][illegible]

[illegible][illegible]

055033-091201

[illegible]

**09603-091P**

[illegible]

055083-09101

[illegible]

[illegible]



					protein [Macaca fascicularis]			48%	125	39
HNHHA47	658743	1748	blastx.2		CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071		59%	1007	831
HNHK174	777856	1752	blastx.2		CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17		68%	1137	1009
HNHLD80	839255	1754	blastx.2		CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071		65%	606	343
HNHLS76	853372	1755	blastx.2		CAGH45.	sp O15410 O15410		70%	708	538
HNHMY76	838256	1759	blastx.2		PVA1 GENE.	sp Q26195 Q26195		51%	554	444
HNKAA76	802009	1764	blastx.2		CDNA: FLJ23338 fis, clone HEP13242.	sp BAB15616 BAB15616		75%	448	401
HNTAF42	824082	1765	blastx.2		CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17		74%	146	316
HNTCG32	897776	1766	HMMER 2.1.1		PFAM: Sodium/hydrogen exchanger family	PF00999		53%	468	758
			blastx.2		SODIUM/HYDROGEN EXCHANGER 6 (NA(+)/H(+) EXCHANGER 6) 1	sp Q92581 NAH6_HUMAN		61%	454	492
HNTNY89	886188	1767	blastx.2		(AL121845) dJ583P15.4.1 (novel protein (translation of cDNA FLJ20406 (Em:AK000413))) [Homo sapiens]	emb CAC03671.1		99%	323	1492
								60%	353	421
								71%	380	673
								244.7	178	789
								62%	13	1230
								89%	158	1006
HNTRQ40	809100	1769	blastx.2		EPIDERMAL GROWTH FACTOR RECEPTOR SUBSTRATE EPS15R.	sp Q9UBC2 Q9UBC2		81%	195	1604
								95%	11	451
								82%	1498	1857
								24%	750	1610
								37%	20	247
								43%	1567	1812
								37%	495	695
								42%	202	495
								49%	1567	1791
								35%	32	292
								43%	1398	1544
								51%	1452	1544

[illegible]

HODBF86	605001	1789	blastx.2	GAG POLYPROTEIN (FRAGMENT).	sp Q9PZ45 Q9PZ45	100%	77	487
HODBX93	897498	1792	blastx.2	protein BYJ15 - common tobacco (fragment)	pir T02229 T02229	81%	50	142
HODDG72	655357	1798	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	53%	817	659
HODDJ25	824592	1799	blastx.2	PRO1038.	sp Q9P110 Q9P110	100%	680	1519
HODDQ06	834824	1802	blastx.2	PDZ-BINDING KINASE.	sp Q9NZK6 Q9NZK6	99%	200	1165
HODEA20	840376	1803	blastx.2	EH domain protein Reps1 - mouse	pir T09173 T09173	83%	6	1229
HOEBI94	795312	1806	blastx.2	HNRNP 2H9A.	sp Q9NPA7 Q9NPA7	99%	6	1208
HOECB33	840378	1808	blastx.2	CDNA: FLJ22362 fis, clone HRC06544.	sp BAB15321 BAB15321	100%	10	525
HOECX21	842866	1809	blastx.2	Cd003 protein.	sp AAG09680 AAG09680	100%	368	219
HOEDE27	825262	1810	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	48%	8	277
HOEEK81	844390	1811	blastx.2	CALCIUM CHANNEL GAMMA 5 SUBUNIT.	sp Q9JTV3 Q9JTV3	58%	931	746
HOEEZ62	638833	1812	blastx.2	NADH dehydrogenase (ubiquinone) (EC 1.6.5.3) chain 3 - human mitochondrion	sp Q9JTV3 Q9JTV3	75%	762	643
HOEFJ26	847422	1813	blastx.2	CDNA: FLJ23147 fis, clone LNG09295.	sp Q9JTV3 Q9JTV3	75%	51	596
HOEFMF63	847423	1815	blastx.2	L6 surface protein - human	pir A00422 DNHUN3	89%	12	338
HOEFM165	664498	1816	blastx.2	COLLAGEN ALPHA 1(XII) CHAIN (FRAGMENT).	sp BAB15557 BAB15557	76%	1201	995
HOFM016	596835	1818	blastx.2	PFAM: 3-beta hydroxysteroid dehydrogenase/isomerase family	pir A42926 A42926	88%	86	409
			HMMER 2.1.1		sp P70560 CAIC_RAT	82%	409	690
					PF01073	74%	987	1160
			blastx.2	3 beta-hydroxy-delta 5-C27-steroid oxidoreductase.	sp P70560 CAIC_RAT	68.3	149	346
					sp AAG37824 AAG37824	90%	11	346
						83%	349	438

HOFMP62	866469	1819	blastx.2	(AP002460) gene_id:F1D9.26~unknown protein [Arabidopsis thaliana]	dbj BAA97098.1	94%	786	899
						90%	773	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898
						100%	791	898

[illegible][illegible]

[illegible][illegible]

05950363-051201

[illegible]

055033-091201

[illegible]



HOFMV22	812864	1821	blastx.2	(AF177940) ion channel homolog [Homo sapiens]	gb AAG09301.1 AF177940_1	100%	791	898
HOFNY15	668259	1823	blastx.2	CDNA FLJ12701 fis, clone NT2RP1000730.	sp BAB14234 BAB14234	89%	331	999
HOFNY28	603911	1824	blastx.2	AF-1 [Homo sapiens]	gb AAA16955.1	59%	13	654
HOGAA41	843499	1826	blastx.2	PROTEIN TYROSINE PHOSPHATASE-LIKE PROTEIN PTLB.	sp Q9JLK1 Q9JLK1	93%	496	1257
HOGAB51	825278	1827	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	71%	884	1174
HOGAH40	790978	1828	blastx.2	CDNA FLJ20420 FIS, CLONE KAT02462.	sp Q9NX63 Q9NX63	100%	164	844
HOGAP06	823364	1829	blastx.2	(AB055298) hypothetical	dbj BAB21923.1	70%	1445	1669
						88%	790	897
						59%	46	210
						77%	213	293
						82%	18	353
						90%	780	899
						92%	787	900
						94%	790	900
						89%	780	896
						94%	791	898
						94%	790	897
						88%	790	897

HOGAR71	722242	1831	HMMER 2.1.1 blastx.2	protein [Macaca fascicularis] PFAM: PMP- 22/EMP/MP20/Claudin family CLAUDIN-7.	PF00822	336	96	632
HOGCC26	834792	1832	blastx.2	XPA binding protein 1.	sp BAB17612 BAB17612	100%	19	1140
HOGCD78	610217	1833	blastx.2	CDNA: FLJ21979 fis, clone HEP06065 (Fragment).	sp BAB15196 BAB15196	100%	217	321
						95%	428	487
						38%	632	724
						43%	636	725
						42%	664	726
						45%	667	726
						45%	667	726
						45%	667	726
						45%	667	726
						45%	667	726
						45%	667	726
						45%	667	726
						45%	667	726
						45%	667	726
						52%	669	725
						34%	394	471
						44%	656	724
						28%	388	471
HOGCK03	847427	1834	blastx.2	HYDROXYPROLINE-RICH GLYCOPROTEIN DZ-HRGP PRECURSOR.	sp Q9SBM1 Q9SBM1	37%	741	442
						45%	394	128
						44%	394	161
						40%	346	116
						40%	316	119
						40%	316	119
						41%	322	119
						38%	394	119
						55%	316	209
						58%	316	209
						45%	594	442
						52%	316	203
						42%	316	119

[illegible]

HOHBC57	813392	1837	blastx.2	DJ37F16.1 (PUTATIVE NOVEL PROTEIN) (FRAGMENT).	sp Q9Y3L0 Q9Y3L0	93%	2237	2103
HOHBO66	853375	1838	blastx.2	DED PROTEIN.	sp Q9NY61 Q9NY61	93% 91% 50% 40% 43%	844 1397 1397 1367 1367	212 828 1278 1269 1272
HOHBZ10	836519	1839	blastx.2	CSR1.	sp Q9UM16 Q9UM16	96% 50% 49% 46% 47% 46% 39% 43%	775 778 748 781 829 646 405 411	389 404 404 431 521 404 827 761
HONAH67	821419	1842	blastx.2	CDNA FLJ14272 fis, clone PLACE1004793, weakly similar to 1	sp BAB14889 BAB14889	96% 94%	513 1171	1172 1338
HOOAC84	604043	1843	blastx.2	TRABECULIN-ALPHA.	sp Q9UKP0 Q9UKP0	84% 100% 100% 29% 36%	1324 325 592 1381 1387	1482 444 690 1461 1461
HOPBP13	825243	1844	blastx.2	CDNA FLJ20378 FIS, CLONE KALA0536.	sp Q9NX85 Q9NX85	61%	2180	1863
HORBI80	877660	1846	blastx.2	DIPEPTIDYL-PEPTIDASE III (EC 3.4.14.4).	sp Q9NY33 Q9NY33	99% 100%	92 30	2239 92
HORBL77	852099	1847	blastx.2	HYPOTHETICAL 24.4 KDA PROTEIN IN LPD 3 REGION (ORF4).	sp O66114 YLP4_ZYMM O	28% 37%	221 924	787 1010
HOSEM81	846354	1850	blastx.2	(AF255648) rGAP-iso [Homo sapiens]	gb AAG44636.1 AF255648_1	100%	1012	803
HOSEO83	847083	1851	blastx.2	CDNA FLJ11786 fis, clone HEMBA1006036.	sp BAB13911 BAB13911	75% 48% 54%	659 456 304	769 665 414

HOSFR35	845994	1852	blastx.2	CDNA FLJ20035 FIS, CLONE COL00213.	sp Q9NXV7 Q9NXV7	67% 63%	316 9	780 320
HOUBC29	872565	1854	blastx.2	GTP-binding protein rab2 - rat	pir B39963 B39963	94%	763	876
HOUBG39	601696	1855	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	67%	1645	1403
HOUCD12	605006	1856	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	69%	250	555
HOUDB17	603417	1857	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	64%	687	367
HOUJG68	793749	1863	blastx.2	CDNA FLJ10808 FIS, CLONE NT2RP4000879, WEAKLY SIMILAR TO 1	sp Q9NV9C9 Q9NV9C9	100%	2	355
HOVAD93	821333	1865	blastx.2	CDNA: FLJ22976 fis, clone KAT11222 (Fragment).	sp BAB15513 BAB15513	100% 100% 100% 96% 100%	780 780 780 780 781	860 860 860 860 858
HOVAJ68	741098	1869	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	73%	1612	1493
HOVAW46	892162	1870	blastx.2	PUTATIVE P150.	sp O00363 O00363	46% 40% 47% 37% 66% 41%	697 1030 1152 1316 768 395	359 773 1009 1125 697 345
HOVBB19	843768	1871	blastx.2	catalase (EC 1.11.1.6) - Campylobacter jejuni	pir I40767 I40767	97%	307	197
HOVBI16	581097	1874	blastx.2	TRANSCRIPTION INTERMEDIARY FACTOR 1-BETA (NUCLEAR COREPRESSOR KAP-1) (KRAB-ASSOCIATED PROTEIN 1).	sp Q13263 TF1B_HUMAN	87%	202	723
HOVCF30	638142	1877	blastx.2	(AP002460) gene_id:F1D9.26-unknown protein [Arabidopsis thaliana]	dbj BAA97098.1	76% 74% 100% 100%	759 759 807 807	908 908 908 908

095038-091001

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible][illegible]

[illegible][illegible]

[illegible]

[illegible]

[illegible]





HPBDE33	897372	1885	blastx.2	hypothetical protein DKFZp564O0823.1 - human	pir T12458 T12458	98%	257	985
HPCAG17	757836	1887	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	64%	1306	1013
HPCAG17	863943	1888	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	68%	1173	880
HPDDQ28	566793	1891	blastx.2	PUTATIVE G PROTEIN- COUPLED RECEPTOR (CDNA FLJ10899 FIS, CLONE 1	sp O95357 O95357	100% 98%	10 231	231 440
HPDDT14	580867	1892	blastx.2	(AB055298) hypothetical protein [Macaca fascicularis]	dbj BAB21923.1	71%	193	5
HPFCP75	581083	1899	blastx.2	CDNA FLJ20378 FIS, CLONE KAIA0536.	sp Q9NX85 Q9NX85	64% 64% 55%	682 833 22	831 949 81
HPFDB66	829318	1900	WUblastx.6 4	(AL133353) bA483F11.3 (CGI-32 protein ) [Homo sapiens]	emb CAB88199.1	100%	102	920
HPFDD28	824856	1901	blastx.2	PRO1722.	sp Q9P195 Q9P195	69% 70% 66%	815 622 672	660 551 628
HP1AK27	852658	1904	blastx.2	(AP001309) gene_id:MUO10.12~unknown protein [Arabidopsis thaliana]	dbj BAB02585.1	36% 36%	718 253	1191 561
HP1AL55	847429	1905	blastx.2	CG12795 PROTEIN.	sp Q9VQQ7 Q9VQQ7	62% 28% 55% 68% 50%	82 598 455 1088 923	231 1002 568 1135 970
HP1AT18	877663	1906	blastx.2	PRO2852.	sp AAG35505 AAG35505	74% 84%	3735 3823	3571 3728
HP1AZ52	801924	1907	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	53% 51% 63% 48% 59% 44%	670 706 770 2453 905 2468	1029 915 916 2602 970 2602

HPIBA07	886191	1908	blastx.2	hypothetical protein DKFZp761D081.1 - human	pir T46904 T46904	41% 69% 31% 46% 54% 46% 47% 55% 52%	900 975 2385 2470 2112 2090 2163 1905 1960	1034 1013 2603 2559 1894 1788 1987 1825 1898
HPIBA24	840379	1909	blastx.2	CDNA FLJ14356 fis, clone Y79AA1002103, weakly similar to 1	sp BAB14916 BAB14916	49% 48% 49% 66%	21 672 381 21	1805 1862 1193 146
HPIBI40	588944	1910	blastx.2	CENTROMERE/KINETOCHO RE PROTEIN ZW10 HOMOLOG.	sp O43264 ZW10_HUMA N	98% 99%	336 1	884 339
HPJAB75	841653	1913	blastx.2	(AF336887) FKSG60 [Homo sapiens]	gb AAK01738.1 AF33688 7_1	99%	1581	1210
HPJAN76	826185	1914	blastx.2	PUTATIVE G PROTEIN- COUPLED RECEPTOR GPR39.	sp O43194 GP39_HUMA N	100% 29%	328 245	828 316
HPJAN76	854893	1915	blastx.2	PUTATIVE G PROTEIN- COUPLED RECEPTOR GPR39.	sp O43194 GP39_HUMA N	100% 29%	328 245	828 316
HPJAU94	826719	1916	blastx.2	L1 ELEMENT L1.21 P40 PROTEIN.	sp O00371 O00371	55% 83%	3529 3944	3966 4159
HPJAW78	812766	1917	blastx.2	GRANULE CELL ANTISERUM POSITIVE 8 (GCAP1) (FRAGMENT).	sp Q61402 Q61402	41% 31% 41% 37% 33% 37%	94 88 261 261 316 254	267 267 73 103 86 81
HPJBS16	608307	1918	WUblastx.6 4	(AK025047) unnamed protein product [Homo sapiens]	dbj BAB15056.1	61%	1663	1391
HPJBU04	798101	1919	blastx.2	CDNA: FLJ21463 fis, clone	sp BAB15071 BAB15071	68%	866	540

HPJCP75	886192	1921	blastx.2	COL04765. CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	67% 41%	1775 832	1482 527
HPJCV35	827317	1922	blastx.2	CDC42-BINDING PROTEIN KINASE BETA.	sp Q9Y5S2 Q9Y5S2	94% 100%	2685 533	2951 610
HPJCX13	852869	1923	HMMER 2.1.1	PFAM: Reverse transcriptase (RNA-dependent DNA polymerase)	PF00078	307.8	3321	4148
			blastx.2	hypothetical protein (L1H 3' region) - human	pir B34087 B34087	96%	4105	266
HPMBT05	658715	1927	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14287 Q14287	85% 73%	403 491	483 592
HPMDD27	830748	1932	blastx.2	(AF205218) NS1-binding protein-like protein [Homo sapiens]	gb AAG43485.1	99%	2	1417
HPMDF45	638148	1933	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	68% 55%	1697 1662	2002 1721
HPMDP57	567303	1934	blastx.2	PRO2550.	sp AAG35515 AAG35515	68% 64% 80%	1510 1286 1514	1211 1074 1455
HPMEG72	795709	1935	blastx.2	ORF2-LIKE PROTEIN (FRAGMENT).	sp O00549 O00549	66%	1844	2056
HPMFM70	756931	1936	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	75% 64%	2277 2108	2104 1953
HPMFP48	597457	1937	blastx.2	PRO1722.	sp Q9P195 Q9P195	69% 66%	1130 987	975 853
HPMFW01	844865	1938	blastx.2	PUTATIVE LIPID KINASE (CDNA FLJ10842 FIS, CLONE NT2RP4001343).	sp Q9NP48 Q9NP48	97%	973	1113
HPMGW43	830452	1940	blastx.2	vesicle-associated membrane protein-associated protein B - human	pir G0186 G0186	96% 100%	59 31	487 72
HPMKB09	900362	1942	blastx.2	SRC HOMOLGY 3 DOMAIN-CONTAINING PROTEIN HIP-55 (DREBRIN F).	sp Q9UJU6 Q9UJU6	100%	117	1406

HPMSH26	780109	1943	blastx.2	(AJ251383) Nogo-A protein [Homo sapiens]	emb CAB99248.1	69%	1592	1014
HPMSH96	610023	1944	blastx.2	GLUTATHIONE TRANSFERASE OMEGA 1 (EC 2.5.1.18) (GSTO 1-1).	sp P78417 GTO1_HUMA N	70%	1748	1578
HPQAJ27	782957	1946	blastx.2	peptidyl-prolyl cis-trans isomerase NMB0281 [imported] - Neisseria meningitidis (group B strain MD58)	pir B81216 B81216	88%	1203	1505
HPQAN50	788813	1947	blastx.2	ORF2-LIKE PROTEIN (FRAGMENT).	sp O00549 O00549	76%	973	683
HPRAD30	805969	1958	blastx.2	PRO2738.	sp Q9PIC6 Q9PIC6	56%	1370	975
HPRCC91	638151	1959	blastx.2	(AL158167) bA534G20.4 (supervillin) [Homo sapiens]	emb CAC19653.1	59%	1179	1084
HPRCF50	638153	1961	blastx.2	PRO2550.	sp AAG35515 AAG35515	39%	1285	590
HPRCS59	601523	1964	blastx.2	HYPOTHETICAL 38.7 KDA PROTEIN.	sp Q63775 Q63775	34%	1151	222
HPRCT73	610024	1965	blastx.2	DJ104A17.2 (NOVEL PROTEIN (ORTHOLOG OF RAT 1	sp Q9NPZ5 Q9NPZ5	29%	585	10
HPTRE80	884167	1967	blastx.2	SCO2 PROTEIN HOMOLOG PRECURSOR.	sp O43819 SCO2_HUMA N	41%	1151	855
HPTRI42	655362	1968	blastx.2	CDNA FLJ13853 fis, clone THYRO1000951, weakly similar to 1	sp BAB14722 BAB14722	60%	163	119
HPTTI65	612865	1972	blastx.2	SIMILAR TO RING-H2 FINGER PROTEIN RHA1A.	sp Q9SNH1 Q9SNH1	52%	2465	2265
HPTTT62	561954	1973	blastx.2	Hypothetical 85.5 kDa protein (Fragment).	sp CAC09438 CAC09438	100%	2	97
HPTVH24	831983	1974	blastx.2	CDNA FLJ14038 fis, clone HEMBA1005206.	sp BAB14826 BAB14826	61%	1614	1790
						66%	1787	1912
						46%	1615	1710
						30%	749	189
						89%	1476	1300
						96%	1231	1145
						100%	779	39
						99%	3	662
						73%	1172	1071
						100%	8	175
						99%	3	974

HPTVH59	695753	1975	blastx.2	CG15021 PROTEIN.	sp Q9VZC2 Q9VZC2	34%	22	447
HPTVI96	636064	1977	blastx.2	CDNA: FLJ22861 fis, clone KAT01850.	sp BAB15494 BAB15494	100%	42	416
HPVAA15	783074	1978	blastx.2	ATP-BINDING CASSETTE PROTEIN (FRAGMENT).	sp Q9JL38 Q9JL38	57%	487	849
HPWAS27	536008	1984	blastx.2	HSPC093 (FRAGMENT).	sp Q9P0E3 Q9P0E3	65%	512	483
HPWAV82	830084	1986	blastx.2	PRO2550.	sp AAG35515 AAG35515	40%	1042	625
HPWBA36	840380	1987	blastx.2	PRO2550.	sp AAG35515 AAG35515	69%	104	1146
HPWTF23	843700	1988	HMMER 2.1.1	PFAM: TSC-22/dip/bun family	PF01166	78%	3	229
			blastx.2	TSC-22-LIKE PROTEIN.		60%	1401	101
HPWTF23	844775	1989	HMMER 2.1.1	PFAM: TSC-22/dip/bun family	sp Q9UBN5 Q9UBN5	54%	271	1219
			blastx.2	TSC-22-LIKE PROTEIN.		38%	442	1073
HPWTF53	844737	1990	blastx.2	U2 SMALL NUCLEAR RIBONUCLEOPROTEIN AUXILIARY FACTOR 35 1	sp Q15696 U2R2_HUMAN	146.4	271	1152
			blastx.2	UNNAMED PORTEIN PRODUCT.		100%	24	672
HRAAC36	798104	1994	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp Q9N083 Q9N083	100%	821	422
HRAAF59	847086	1995	blastx.2	Hypothetical 45.1 kDa protein. Neuropilin-2a(17).	sp BAB15071 BAB15071	76%	670	669
			blastx.2			56%	1519	548
HRAAG89	621271	1996	blastx.2			56%		1247
HRAAZ12	834637	1998	blastx.2			93%	2	187
			blastx.2			100%	901	1356
HRABP28	823344	2000	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	96%	579	878
			blastx.2	RNA-BINDING PROTEIN. (AB055293) hypothetical protein [Macaca fascicularis]	sp O75876 O75876	80%	385	579
HRABU56	621381	2001	blastx.2			100%	1361	1435
HRAZ80	562230	2002	blastx.2			50%	863	946
			blastx.2			40%	1302	1111
			blastx.2			55%	1136	1035
			blastx.2			90%	105	320
			blastx.2			45%	1302	1000

HRACB01	637647	2003	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	52%	1344	1135
HRAC139	840461	2004	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	52%	1423	1349
HRADU15	801926	2005	blastx.2	CDNA FLJ14310 fis, clone PLACE3000271.	sp BAB14900 BAB14900	62%	1347	1156
HRDAH04	651356	2006	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	58%	997	881
HRDBA20	637709	2007	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	74%	814	638
HRDBD32	637710	2008	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	75%	645	586
HRDBL01	631169	2009	blastx.2	PRO1722.	sp Q9P195 Q9P195	56%	1514	1329
HRDDM85	799542	2010	blastx.2	POT. ORF VI (FRAGMENT).	sp Q95662 Q95662	63%	1336	1229
HRDEJ86	695755	2012	blastx.2	CDNA FLJ20378 FIS, CLONE KATA0536.	sp Q9NX85 Q9NX85	78%	1290	1057
HRDFE30	750872	2014	blastx.2	(AL121673) bA305P22.1 (novel protein) [Homo sapiens]	emb CAC08553.1	46%	1049	972
HRDFT83	606799	2015	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	65%	934	755
						62%	538	1077
						57%	575	730
						60%	1034	1096
						76%	839	627
						95%	141	548
						100%	533	823
						63%	948	664
						70%	942	769
						61%	932	768
						41%	629	294
						84%	584	528
						68%	779	714
						41%	947	768
						56%	709	614
						41%	778	641
						63%	442	377
						60%	439	380
						58%	387	337
						47%	948	892
						37%	522	451
						77%	700	674
						60%	435	391
HRGCA01	589970	2016	blastx.2	PRO2550.	sp AAG35515 AAG35515	56%	1318	989

HRGCA06	866189	2017	HMME 2.1.1 blastx.2	PFAM: Ribosomal protein S16	PF00886	69.1	143	325
				MITOCHONDRIAL 28S RIBOSOMAL PROTEIN S16 (MRP-S16).	sp Q9Y3D3 Q9Y3D3	99%	74	484
HRGSE38	898233	2018	WUblastx.6 4	(AB029042) ATPase inhibitor precursor [Homo sapiens]	dbj BAA88422.1	83%	77	367
HRLME03	610614	2020	blastx.2	PRO0956.	sp AAG35480 AAG35480	70% 39%	117 220	46 122
HROAP64	835467	2022	blastx.2	(AY012159) virion-associated nuclear-shuttling protein [Mus musculus]	gb AAG42155.1	96%	33	119
HROAS35	827304	2023	blastx.2	cytochrome-c oxidase (EC 1.9.3.1) chain III - human 1	pir A00482 OTHU3	91%	483	881
HROBJ10	836368	2025	blastx.2	RETINOIC ACID-INDUCED PROTEIN 2.	sp Q9Y5P3 RA12_HUMA N	89% 96%	1853 1054	1011 671
HRTAE88	822964	2029	blastx.2	MARINER TRANSPOSASE.	sp Q13579 Q13579	76%	2579	2845
HRTAP63	780698	2030	blastx.2	CGI-127 PROTEIN.	sp Q9Y3C9 Q9Y3C9	100%	498	860
HSAAN03	599334	2032	blastx.2	PRO2550.	sp AAG35515 AAG35515	70% 70% 72%	1130 924 676	921 832 602
HSAAS05	703244	2033	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	55% 54%	1419 1487	1216 1416
HSAAW13	821334	2034	blastx.2	3',5'-cyclic-nucleotide phosphodiesterase (EC 3.1.4.17) 8A, 1	pir JW0088 JW0088	99%	1	1113
HSATA61	801927	2038	blastx.2	CG3781 PROTEIN.	sp Q9W422 Q9W422	49%	18	206
HSATG66	824903	2039	blastx.2	EXP35.	sp Q9NR56 Q9NR56	93% 41%	19 13	615 324
HSATI91	838829	2040	blastx.2	probable pol polyprotein- related protein 4 - rat	pir S21348 S21348	36% 46% 38% 69%	345 509 730 83	22 369 518 45
HSATR50	826398	2041	blastx.2	U6 SNRNA-ASSOCIATED SM-LIKE PROTEIN LSM8.	sp O95777 LSM8_HUMA N	100%	397	483
HSATT82	566784	2042	blastx.2	PRO1722.	sp Q9P195 Q9P195	67%	957	769

HSATW19	637658	2043	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	66%	1006	962
HSATW67	604938	2044	blastx.2	pro-pol-dUTPase polypeptide - murine endogenous retrovirus ERV-L (fragment)	pir T29097 T29097	82% 63%	436 653	119 441
HSATZ02	490895	2045	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	63% 87%	1023 1025	730 1002
HSAUB89	600369	2047	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	60% 76%	348 560	551 634
HSAUI53	866191	2048	blastx.2	retrovirus-related reverse transcriptase pseudogene - human	pir A25313 GNHUL1	36% 42% 36% 31% 69%	960 356 757 1037 106	412 9 362 675 68
HSAUV74	866193	2049	blastx.2	PRO1902 PROTEIN.	sp Q9UHT1 Q9UHT1	62%	827	693
HSAUX39	823161	2050	blastx.2	ZINC FINGER PROTEIN 62 (FRAGMENT).	sp Q62510 Q62510	56% 64% 63% 52% 50% 53% 59% 45% 44% 45% 50% 43% 41% 33%	1223 1367 1388 1280 1244 1274 1412 1235 1172 1244 1343 1199 1319 960	1987 1981 1981 1987 1987 1981 1987 1978 1981 1981 1726 1645 1040
HSAVE52	600370	2052	blastx.2	PRO2852.	sp AAG35505 AAG35505	71% 55%	1366 1419	1175 1366
HSAVH32	603367	2053	blastx.2	CDNA FLJ20378 FIS, CLONE KATA0536.	sp Q9NX85 Q9NX85	64% 72% 35%	847 678 851	659 547 684
HSAVO11	566467	2055	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	60% 63%	1618 1618	1301 1439



HSAVOI7	738007	2056	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	59%	1599	1438
HSAVQI3	606818	2057	blastx.2	Hypothetical 12.9 kDa protein.	sp BAB12124 BAB12124	72%	406	1194
HSAVR85	786185	2058	blastx.2	PRO2870.	sp AAG35506 AAG35506	68%	494	1299
HSAVY92	606808	2059	blastx.2	CDNA: FLJ23054 fis, clone LNG03193.	sp BAB15533 BAB15533	100%	3791	1384
HSAVZ05	690151	2060	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	100%	19	1192
HSAWB58	738018	2061	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	75%	21	1265
HSAWH36	581087	2062	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	42%	1467	1135
HSAWM20	606840	2063	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	69%	1684	1523
HSAWM74	866195	2064	blastx.2	(AB030711) MAP1 light chain 3 related protein [Homo sapiens]	dbj BAB21549.1	85%	1442	1233
HSAWX70	872498	2065	blastx.2	L1 ELEMENT L1.20 P40 PROTEIN.	sp O00369 O00369	83%	1573	1538
HSAXI10	598726	2067	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	69%	1684	1490
HSAXL49	606826	2068	blastx.2	PRO2550.	sp AAG35515 AAG35515	85%	1442	1380
HSAXL82	566801	2069	blastx.2	signal peptidase 25k chain - dog	pir A55012 A55012	81%	1509	1444



095083-091601

[illegible]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

[illegible]

[illegible][illegible]

[illegible]

[illegible]

[illegible]



[illegible][illegible]

[illegible][illegible]

[illegible]

[illegible][illegible]

**Figure 6.** The effect of the number of iterations on the accuracy of the proposed algorithm. The figure shows two plots side-by-side. The left plot is titled "Accuracy vs. Number of Iterations" and the right plot is titled "Error vs. Number of Iterations". Both plots show results for three different values of  $\alpha$ : 0.1, 0.2, and 0.3. In the left plot, accuracy increases from approximately 0.8 to 0.95 as iterations increase from 10 to 100. In the right plot, error decreases from approximately 0.2 to 0.05 over the same range of iterations.

[illegible]

HSDJC96	753284	2099	blastx.2	HYPOTHETICAL 5.6 KDA PROTEIN (FRAGMENT).	sp Q9Y6A3 Q9Y6A3	100%	1946	1800
HSDJF04	695756	2101	blastx.2	UNKNOWN.	sp O95890 O95890	95%	2	421
HSDJG47	847325	2102	blastx.2	CDNA: FLJ21857 fis, clone HEP02294.	sp BAB15156 BAB15156	98%	59	1180
HSDJH72	805971	2103	blastx.2	HYPOTHETICAL 15.4 KDA PROTEIN.	sp Q99770 Q99770	68%	1739	1485
HSDJL07	895387	2104	blastx.2	CDNA: FLJ23147 fis, clone LNG09295.	sp BAB15557 BAB15557	66%	1500	1447
HSDJR49	741079	2105	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	64%	764	898
						82%	1481	1290
						67%	569	742
						70%	893	1015
						57%	753	884
						61%	982	1122
						62%	1124	1210
						72%	991	1044
						40%	744	884
HSDJV24	806246	2106	blastx.2	DI108K11.3 (SIMILAR TO YEAST SUPPRESSOR PROTEIN SRP40).	sp O95909 O95909	75%	647	1465
HSDJV40	623716	2107	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	48%	1589	1038
						62%	1240	977
						40%	1519	1094
						41%	1279	977
						45%	1555	1409
						40%	1368	1258
						37%	1049	978
						34%	990	877
HSDKA64	600372	2108	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	68%	1581	1342
HSDKF96	839730	2110	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	71%	1340	1278
HSDZO08	827460	2111	blastx.2	I-1 RECEPTOR CANDIDATE PROTEIN.	sp Q9UES6 Q9UES6	63%	1672	1412
						87%	182	1648
						78%	1	558
						27%	1	309
HSEBB18	877813	2113	blastx.2	CDNA FLJ20005 FIS, CLONE ADKA02526.	sp Q9NXX4 Q9NXX4	99%	476	898
HSFAM19	691371	2114	blastx.2	VOLTAGE-GATED	sp O95259 O95259	98%	76	510

HSHAG54	834781	2115	blastx.2	POTASSIUM CHANNEL EAGB. (AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	76% 61%	971 775	780 659
HSHAS72	835991	2116	HMMER 2.1.1 blastx.2	PFAM: G-protein gamma subunit. GUANINE NUCLEOTIDE- BINDING PROTEIN G(I)/G(S)/G(O) I	PF00631	139.1	225	422
HSHAX04	812178	2117	blastx.2	peptidylprolyl isomerase (EC 5.2.1.8) A - human	sp Q9UBI6 GBGC_HUM AN	100%	210	422
HSHBT15	581088	2118	blastx.2	ZINC FINGER PROTEIN SNAI1 (SNAIL PROTEIN HOMOLOG) (SNA PROTEIN).	sp Q95863 SNAI_HUMA N	90% 100% 79%	10 570 458	570 686 529
HSHCE85	855969	2119	blastx.2	DJ167A19.4 (NOVEL PROTEIN).	sp Q9Y546 Q9Y546	100%	202	1224
HSIAC81	783076	2120	blastx.2	(AB017913) cytosolic beta- glucosidase-like protein-1 [Homo sapiens]	dbj BAB18741.1	99%	8	1261
HSIAP01	897538	2122	blastx.2	CDNA FLJ20124 FIS, CLONE COL06056.	sp Q9NXP8 Q9NXP8	96% 92% 71% 28%	71 590 607 218	613 673 732 535
HSIDZ25	658721	2125	blastx.2	Hypothetical 15.8 kDa protein.	sp AAG17270 AAG17270	80% 37%	1689 1366	1597 1280
HSIEB64	651359	2126	blastx.2	PRO1546.	sp Q9P1J1 Q9P1J1	53% 60% 70%	1741 1860 1718	1875 1949 1747
HSIFO61	845026	2128	blastx.2	APOPTOSIS-INDUCING FACTOR AIF.	sp Q95831 Q95831	100%	95	1933
HSIFO61	852715	2129	blastx.2	APOPTOSIS-INDUCING FACTOR AIF.	sp Q95831 Q95831	100%	183	2021
HSIGC63	877486	2130	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	59%	1746	1354
HSIGM95	840382	2131	blastx.2	PRO2852.	sp AAG35505 AAG35505	77%	942	823

HSJAN83	825132	2133	blastx.2		CDNA FLJ11786 fis, clone HEMBA1006036.	sp BAB13911 BAB13911	80% 75%	818 754	759 707
HSJQA10	853383	2134	blastx.2		PEROXISOMAL MEMBRANE PROTEIN PMP34 (34 KDA) PEROXISOMAL 1	sp O43808 PMP34_HUMA N	100%	11	187
HSJAR59	846364	2135	blastx.2		translation elongation factor eEF-1 alpha-1 chain - human	pir B24977 EFHU1	100%	16	228
HSJAU93	702019	2136	blastx.2		CDNA FLJ10709 FIS, CLONE NT2RP3000869.	sp Q9NVI7 Q9NVI7	84%	123	551
HSKHV81	841590	2146	blastx.2		PRO0117 PROTEIN.	sp Q9UI85 Q9UI85	63%	953	798
HSKYR49	806548	2148	blastx.2		(AF328140) cdk3-binding protein ik3-1 [Mus musculus]	gb AAG42916.1 AF32814 0_1	79%	10	450
HSKYU81	899335	2149	blastx.2		SH3 DOMAIN-BINDING PROTEIN SNP70.	sp Q9Y2W2 Q9Y2W2	100%	536	1276
							99%	6	533
							44%	629	1237
							55%	545	778
							52%	545	766
							41%	512	781
							44%	797	973
							50%	797	985
							43%	545	673
							44%	575	661
							25%	132	299
							22%	240	482
							19%	396	548
							32%	862	945
HSKYY92	853384	2150	blastx.2		UBIQUITOUS TPR-MOTIF PROTEIN Y ISOFORM (FRAGMENT).	sp Q9NR08 Q9NR08	60% 64%	1268 1212	1456 1262
HSLAB11	823825	2151	blastx.2		PRO2550.	sp AAG35515 AAG35515	76%	3376	3074
HSLAS96	740764	2152	blastx.2		PRO2550.	sp AAG35515 AAG35515	69%	1408	1175



HSLAW59	637669	2153	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	64%	1173	1075
HSLCH54	562018	2154	blastx.2	PLEXIN A3 PRECURSOR (PLEXIN 4) (TRANSMEMBRANE PROTEIN 1	sp P51805 PLX4_HUMAN	100% 97% 31%	9 445 278	446 570 400
HSLCH57	899415	2155	blastx.2	SREBP cleavage activating protein - Chinese hamster	pir T18526 T18526	95% 39% 43%	1408 658 265	2205 774 459
HSLCI86	737626	2156	blastx.2	estrogen sulfotransferase (EC 2.8.2.-) - human	pir JC2229 JC2229	84% 33%	602 493	1090 555
HSLCS31	604046	2157	HMMER 2.1.1	PFAM: PPR repeat	PF01535	22.6	493	597
			WUblastx.6 4	(AK022660) unnamed protein product [Homo sapiens]	dbj BAB14162.1	98% 100%	454 826	828 1047
HSLCS34	751324	2158	blastx.2	CDNA FLJ10785 FIS, CLONE NT2RP4000457, WEAKLY SIMILAR TO 1	sp Q9NVE5 Q9NVE5	92% 70%	375 40	1013 582
HSLCV16	772948	2159	blastx.2	(AL136768) hypothetical protein [Homo sapiens]	emb CAB66702.1	99% 87%	1 1537	552 1698
HSLDW54	853386	2160	blastx.2	probable pol polyprotein-related protein 4 - rat	pir S21348 S21348	34% 44% 52% 42%	1115 625 732 895	738 452 631 833
HSLC18	722249	2161	blastx.2	CDNA FLJ12116 fis, clone MAMMA1000069.	sp BAB13977 BAB13977	99%	9	1319
HSLG59	637671	2162	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14287 Q14287	50% 44% 20%	1150 968 745	941 807 614
HSLFR59	853388	2163	blastx.2	hypothetical protein DKFZp434L0130.1 - human	pir T46471 T46471	99% 86%	987 877	1481 987
HSLGD91	883491	2164	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	72% 75%	816 752	926 817
HSQLQ52	600402	2172	blastx.2	(AB055263) hypothetical protein [Macaca fascicularis]	dbj BAB21887.1	81% 85%	142 197	95 156

HSNAW06	580248	2174	blastx.2	Hypothetical 9.4 kDa protein.	sp BAB12379 BAB12379	61%	219	413
HSNBQ36	784994	2178	blastx.2	CDNA FLJ11128 FIS, CLONE PLACE1006236.	sp Q9NUU5 Q9NUU5	95%	358	756
HSNBS39	617125	2179	blastx.2	hypothetical protein 3 - human	pir E41925 E41925	33%	275	93
						52%	82	26
						72%	295	263
HSOAT44	847357	2181	blastx.2	CDNA: FLJ20871 fis, clone ADKA02569.	sp BAB14920 BAB14920	100%	10	195
HSOBH11	794000	2183	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	52%	814	641
						51%	578	498
						54%	645	580
HSOBW65	778388	2185	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14288 Q14288	67%	636	142
						64%	160	110
HSPAA89	825099	2186	blastx.2	proline-rich protein MP2 - mouse (fragment)	pir A24264 A24264	39%	1144	641
						39%	1144	641
						42%	210	148
HSQBL20	780518	2196	blastx.2	(AF315506) ARG134 protein [Homo sapiens]	gb AAK01365.1	100%	183	836
HSQCY74	886110	2198	blastx.2	DJ38314.4 (A novel protein similar to Aspartyl-TRNA synthetase) (Fragment).	sp CAC10472 CAC10472	99%	10	1455
HSRAA81	695759	2205	blastx.2	hypothetical protein DKFZp547I194.1 - human (fragment)	pir T51882 T51882	90%	9	749
						100%	727	1086
HSRAO56	719816	2206	blastx.2	Hypothetical 14.2 kDa protein.	sp AAG17216 AAG17216	72%	1592	1416
						68%	1419	1324
HSRAV28	581102	2207	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	78%	820	524
HSRDW57	562019	2209	blastx.2	(AX068262) unnamed protein product [Homo sapiens]	emb CAC27247.1	100%	8	277
						92%	262	495
						83%	485	520
HSREC72	601368	2210	blastx.2	PRO2550.	sp AAG35515 AAG35515	69%	783	625
						77%	877	785
HSREG42	839481	2211	blastx.2	PXN PROTEIN.	sp Q9VZZ4 Q9VZZ4	48%	6	1484
HSRFD18	840771	2212	blastx.2	CDNA FLJ13033 fis, clone NT2RP3001126.	sp BAB14402 BAB14402	89%	413	559

HSRGZ11	801929	2213	blastx.2	(AF308301) serologically defined breast cancer antigen NY-BR-87 [Homo sapiens]	gb AAAG48268.1 AF308301_1	90%	234	395
HSRHB59	840384	2214	blastx.2	CDNA FLJ20625 FIS, CLONE KAT04008.	sp Q9NWT0 Q9NWT0	100%	123	308
HSSCC66	559402	2216	blastx.2	PVA1 GENE.	sp Q26195 Q26195	54%	345	614
HSEL28	838618	2221	blastx.2	CDNA FLJ20378 FIS, CLONE KAI0536.	sp Q9NX85 Q9NX85	57%	615	671
HSSFP88	658726	2222	HMMER 2.1.1	PFAM: Zinc finger, C3HC4 type (RING finger)	PF000097	63%	731	1042
			blastx.2	CDNA: FLJ21676 fis, clone COL09164.	sp BAB15113 BAB15113	100%	141	1190
HSSGS62	741162	2223	blastx.2	Hypothetical 12.9 kDa protein.	sp BAB12124 BAB12124	60%	899	762
						60%	200	141
HSSJA23	847089	2224	blastx.2	(AC023912) acetyl-coA dehydrogenase, putative [Arabidopsis thaliana]	gb AAF63817.1	63%	272	682
						68%	1382	1552
HSSJF26	567431	2225	blastx.2	Hypothetical 14.2 kDa protein.	sp AAG17216 AAG17216	60%	401	580
						76%	600	689
HSSJM47	796096	2227	blastx.2	STROMAL ANTIGEN 3, (STAG3).	sp Q9UJ98 Q9UJ98	96%	899	994
						75%	527	637
						83%	129	221
HSSJW30	850566	2229	blastx.2	ANON-34EA PROTEIN.	sp Q9V414 Q9V414	29%	263	694
						44%	136	243
HSSMY35	740765	2231	blastx.2	HYPOTHETICAL 20.2 KDA PROTEIN (FRAGMENT).	sp Q9NQA3 Q9NQA3	94%	202	519
HSTAL93	841863	2232	blastx.2	low density lipoprotein receptor related protein - human	pir JE0372 JE0372	98%	287	799
						35%	284	787
						35%	299	787
						35%	287	637
HSUAF06	863206	2234	blastx.2	pol polyprotein - Cas-Br-E murine leukemia virus (fragment)	pir A26103 A26103	47%	630	944
						50%	1194	1307
HSUBX67	751266	2235	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	57%	796	608
						61%	624	499

HSVAC05	836051	2237	blastx.2	CDNA: FLJ22294 fis, clone HRC04426.	sp BAB15291 BAB15291	64%	688	539
HSVBA83	812059	2242	blastx.2	ARG/ABL-INTERACTING PROTEIN ARGP2B (FRAGMENT).	sp O60593 O60593	98%	313	516
HSVBY62	637113	2245	blastx.2	HSPC005 PROTEIN (C11ORF10).	sp Q9Y2Q7 Q9Y2Q7	100%	35	271
HSWAZ17	637682	2248	blastx.2	(AX060313) unnamed protein product [Homo sapiens]	emb CAC24876.1	56%	490	732
HSXAI44	590743	2250	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	68%	1037	828
HSXASS9	838072	2252	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	54% 81%	1526 1303	1305 1256
HSXAY60	737753	2254	blastx.2	PRO1847.	sp Q9P191 Q9P191	81% 45%	1685 1764	1605 1699
HSXBB78	600373	2255	blastx.2	CDNA FLJ11556 fis, clone HEMBA1003079.	sp BAB13856 BAB13856	41% 58%	802 644	632 579
HSXCA83	830046	2256	blastx.2	TANK BINDING KINASE TBK1 (NF-KB-ACTIVATING KINASE NAK).	sp Q9UHD2 Q9UHD2	94% 98% 39%	109 1215 1121	1197 1382 1219
HSXCX20	658728	2257	blastx.2	(AF295367) G-protein coupled receptor GPR91 [Mus 1	gb AAK01867.1 AF295367_1	68% 71%	61 891	942 1007
HSXFG21	805972	2258	blastx.2	EG:114D9.2 PROTEIN.	sp Q9W5A4 Q9W5A4	45%	298	792
HSXFH82	699863	2259	blastx.2	HYPOTHETICAL 16.3 KDA PROTEIN.	sp Q9MZZ7 Q9MZZ7	73% 36%	1146 1117	1598 1611
HSYBR79	873848	2261	blastx.2	vesicle-associated membrane protein-associated protein B - human	pir JG0186 JG0186	100%	193	921
HSYBV44	753253	2262	blastx.2	H+-transporting ATP synthase (EC 3.6.1.34) protein 6 - human mitochondrion	pir A01049 PWHU6	94%	84	761
HSYBZ94	799543	2263	blastx.2	RETINAL DEGENERATION B PROTEIN (PROBABLE CALCIUM TRANSPORTER 1	sp O00562 O00562	81% 98% 98% 79% 23%	21 2388 2168 1670 21	2174 2924 2392 1813 455

HT3AB13	841680	2264	blastx.2	LONG FORM TRANSCRIPTION FACTOR C-MAF.	sp O75444 O75444	36% 33% 36% 34%	1153 1313 2301 1895	1275 1399 2357 1999
HT4SB02	837688	2265	HMMER 2.1.1 blastx.2	PFAM: emp24/gp25L/p24 family protein trafficking protein tmp21-1 - human TIC.	PF01105	231.4	78	521
HT4SB81	756723	2267	blastx.2	TIC.	sp O95621 O95621	83% 97% 95% 41%	185 562 3 19	631 789 194 54
HT4SB81	844512	2268	blastx.2	TIC.	sp O95621 O95621	98% 95% 57% 41%	185 3 872 19	790 194 913 54
HT4SB81	858154	2269	blastx.2	TIC.	sp O95621 O95621	97% 95% 57% 41%	185 3 872 19	790 194 913 54
HTABF81	610040	2271	blastx.2	NON-KINASE CDC42 EFFECTOR PROTEIN SPEC2.	sp Q9NRR3 Q9NRR3	100%	48	299
HTACX63	602694	2272	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	56% 78% 65%	1082 825 919	921 784 860
HTADC63	842131	2273	blastx.2	(AL136693) hypothetical protein [Homo sapiens]	emb CAB66628.1	47% 44%	141 560	557 790
HTADO61	695760	2274	blastx.2	hypothetical protein DKFZp434C1415.1 - human	pir T42648 T42648	100%	9	95
HTAEC59	846728	2276	blastx.2	ubiquitin-conjugating enzyme E2.17kB - rat	pir S53358 S53358	100% 100%	156 409	383 591

HTAED89	801931	2277	HMMER 2.1.1	PFAM: 7 transmembrane receptor (metabotropic glutamate family)	PF00003	78.6	1240	1578
			blastx.2	CALCIUM SENSING RECEPTOR, RELATED SEQUENCE 3 (CALCIUM- SENSING 1)	sp O35364 O35364	51% 50% 48% 42%	1216 899 1590 858	1611 1204 1706 920
HTAEO35	732379	2280	blastx.2	CDNA FLJ20378 FIS, CLONE KATA0536.	sp Q9NX85 Q9NX85	66% 84%	1503 1510	1195 1472
HTDAF68	637685	2281	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	70% 72% 50% 35%	711 892 2 154	890 1041 91 288
HTDAI38	878930	2282	blastx.2	CDNA FLJ20400 FIS, CLONE KAT00587 (FRAGMENT).	sp Q9NX73 Q9NX73	89% 51% 41% 38% 37% 40% 32% 35% 38% 36% 33% 41% 36% 42% 30%	343 438 1248 930 954 1320 1146 1230 238 1041 675 361 352 941 1318	1050 1271 1898 1628 1826 1850 1904 1874 915 1904 1355 978 909 678 956
HTEAN76	830399	2284	blastx.2	FN5 PROTEIN.	sp Q9NRQ5 Q9NRQ5	100%	224	400
HTECE87	702025	2286	blastx.2	CDNA FLJ10815 FIS, CLONE NT2RP4000989, WEAKLY SIMILAR TO 1	sp Q9NVC3 Q9NVC3	94% 97%	121 8	279 133
HTEDF78	564215	2287	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	74%	1563	1423
HTEDX05	862064	2289	blastx.2	CDNA FLJ20574 FIS, CLONE REC01035.	sp Q9NWWV6 Q9NWWV6	83% 74%	16 404	528 625
HTEEC19	862065	2290	blastx.2	TRANSLATION INITIATION	sp O60841 IF2P_HUMA	100%	11	1321

HTEGH03	815562	2291	blastx.2	FACTOR IF-2. (AL136911) hypothetical protein [Homo sapiens]	N emb CAB66845.1	100%	32	949
HTEGH03	839477	2292	blastx.2	EPITHELIAL PROTEIN LOST IN NEOPLASM ALPHA.	sp Q9UHB5 Q9UHB5	95% 84% 22%	1 678 103	732 866 687
HTEGY81	637689	2294	blastx.2	CG14939 PROTEIN.	sp Q9VKF0 Q9VKF0	74%	11	478
HTEHB49	823145	2296	blastx.2	(AF222747) RanBP17 [Homo sapiens]	gb AAG44255.1 AF22274 7_1	99% 65%	203 126	1537 254
HTEHV60	637690	2298	blastx.2	antifreeze glycopeptide AFGP polypeptide precursor [imported] - Boreogadus saida	pir T44768 T44768	29% 29% 28% 27% 29% 29% 27% 29% 30% 28% 30% 29% 29% 30% 33%	70 58 58 67 58 67 70 67 55 67 58 418 418 505 58	1041 1038 1038 1041 1038 981 1041 1023 1041 1041 804 1041 1065 1041 645
HTEHW80	862068	2299	blastx.2	CDNA FLJ11786 fis, clone HEMBA1006036.	sp BAB13911 BAB13911	69% 85% 77%	276 1076 1143	578 1014 1078
HTEID25	737852	2300	blastx.2	DJ1178H5.3 (NOVEL PROTEIN) (FRAGMENT).	sp Q9Y4V7 Q9Y4V7	100%	259	384
HTEIJ23	784268	2301	blastx.2	CDNA FLJ20363 FIS, CLONE HEPI7001.	sp Q9NX98 Q9NX98	100%	107	1303
HTEIM62	806472	2302	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	67% 47%	120 617	10 561
HTEIV33	603393	2303	blastx.2	hypothetical protein DKFZp761L0812.1 - human (fragment)	pir T47135 T47135	55%	259	11
HTEIV65	570826	2304	blastx.2	CDNA: FLJ22976 fis, clone	sp BAB15513 BAB15513	100%	660	743

				KAT11222 (Fragment).				100%	660	743
								100%	659	742
								100%	659	742
								96%	660	743
								96%	659	742
HTEJD61	828178	2307	blastx.2	conserved hypothetical protein MTH83 - Methanobacterium thermoautotrophicum (strain Delta H)		pir F69210 F69210		25%	27	389
								24%	33	386
								25%	21	383
								25%	12	389
								30%	404	682
								29%	401	679
								25%	401	679
								26%	401	679
								29%	401	583
HTEJL16	603409	2310	blastx.2	PF20 protein, microtubule-associated - Chlamydomonas reinhardtii		pir T08180 T08180		48%	1030	713
								33%	1090	722
								34%	1021	728
								31%	955	728
								45%	400	257
								38%	403	341
HTEKD35	604979	2313	blastx.2	carbonate dehydratase (EC 4.2.1.1) - zebra fish		pir T08463 T08463		66%	40	591
HTEKV69	877673	2315	blastx.2	CG10806 PROTEIN.		sp Q9VM74 Q9VM74		37%	217	1569
HTFOB75	900824	2318	blastx.2	(AF349951) HP95 [Homo sapiens]		gb AAK20398.1 AF349951.1		96%	162	2366
								50%	2469	2675
HTGAA35	737945	2319	blastx.2	CDNA FLJ20378 FIS, CLONE KAI A0536.		sp Q9NX85 Q9NX85		78%	1632	1465
								64%	1474	1349
HTGAD74	834464	2320	blastx.2	CDNA FLJ20378 FIS, CLONE KAI A0536.		sp Q9NX85 Q9NX85		60%	889	587
HTGAP05	637715	2321	blastx.2	CDNA FLJ20378 FIS, CLONE KAI A0536.		sp Q9NX85 Q9NX85		58%	1062	868
								65%	871	749
								54%	1064	993
HTGAR21	838159	2323	blastx.2	CDNA FLJ20378 FIS, CLONE KAI A0536.		sp Q9NX85 Q9NX85		69%	1100	936
								67%	946	800
								64%	1104	1063
HTGAS70	827320	2324	blastx.2	DNA FRAGMENTATION FACTOR ALPHA SUBUNIT		sp O00273 DFFA_HUMAN		97%	254	1216



HTGAT65	688864	2325	blastx.2	(DNA FRAGMENTATION I HSPC098 (FRAGMENT)).	sp Q9P0D8 Q9P0D8	60% 42%	1469 1074	1573 1130
HTGAU17	605125	2326	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	60% 60%	703 621	876 710
HTGBK95	834490	2328	blastx.2	PVA1 GENE.	sp Q26195 Q26195	61%	7	216
HTGCC01	598903	2329	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	74%	1125	832
HTGCK43	828867	2330	blastx.2	MITOCHONDRIAL 28S RIBOSOMAL PROTEIN S15 (MRP-S15).	sp P82914 P82914	100%	862	92
HTGDS43	605094	2331	blastx.2	HUS1+-LIKE PROTEIN.	sp O60921 O60921	97%	706	831
HTGDS92	839478	2332	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	67% 87%	1324 1325	998 1302
HTGEX34	877490	2333	blastx.2	PRO2550.	sp AAG35515 AAG35515	77%	2292	1966
HTGGM37	827310	2335	blastx.2	CDNA FLJ11267 FIS, CLONE PLACE1009174.	sp Q9NUM6 Q9NUM6	77%	1781	1912
HTGGN22	782853	2336	blastx.2	CDNA: FLJ23147 fis, clone LNG09295.	sp BAB15557 BAB15557	66% 55%	682 744	524 664
HTHBC58	839916	2338	blastx.2	PRO2550.	sp AAG35515 AAG35515	81% 80%	1470 1300	1294 1208
HTHBQ29	561547	2340	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	60% 81% 72%	1081 848 915	893 783 850
HTHBZ91	637697	2342	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	66% 69% 65% 57% 52% 59% 55% 46% 30% 50% 46% 28% 27%	981 947 984 569 588 594 823 458 872 408 891 615 600	748 747 802 324 367 466 668 273 561 289 802 286 286







[illegible][illegible]





[illegible]



HTLEV80	866200	2367	blastx.2	BETA-SPECTRIN III (FNTA III SPECTRIN).	sp O15020 O15020	49% 60%	187 608	561 1168
HTLEZ57	634874	2368	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	53% 53% 50%	667 664 921	401 924 968
HTLFA90	740770	2369	blastx.2	IRT1 PROTEIN.	sp Q9NY26 Q9NY26	35%	89	1069
HTLGL33	835020	2370	blastx.2	(AP001512) BH1501~unknown conserved protein in others [Bacillus halodurans]	dbj BAB05220.1	30%	382	1104
HTLGQ25	898114	2371	HMMER 2.1.1	PFAM: Immunoglobulin domain	PF00047	26.6	153	377
			WUblastx.6 4	(AL049634) dJ576H24.4 (novel member of the PTPNS (protein 1 sapiens])	emb CAC19495.1	100%	114	443
HTLGS72	897278	2372	blastx.2	BRAIN CDNA, CLONE MNCB-2717.	sp Q9JJC0 Q9JJC0	40%	6	596
HTLGY50	839479	2373	WUblastx.6 4	(AJ006529) putative phosphatase [Gallus gallus]	emb CAA07090.1	39% 65%	987 589	1100 1002
HTLHN86	896930	2374	blastx.2	ZINC FINGER PROTEIN 289.	sp Q9JIH1 Q9JIH1	94%	318	938
HTLHN86	838287	2375	blastx.2	ZINC FINGER PROTEIN 289.	sp Q9JIH1 Q9JIH1	94%	318	938
HTLHN86	843766	2376	blastx.2	ZINC FINGER PROTEIN 289.	sp Q9JIH1 Q9JIH1	94%	318	938
HTLHN86	883351	2377	blastx.2	ZINC FINGER PROTEIN 289.	sp Q9JIH1 Q9JIH1	94%	318	938
HTLIW29	899417	2378	HMMER 2.1.1	PFAM: Trypsin	PF00089	226.4	133	852
			blastx.2	TESTISIN.	sp Q9Y6M0 Q9Y6M0	100%	10	951
HTNAL14	886203	2380	blastx.2	CDNA FLJ20054 FIS, CLONE COL00849.	sp Q9NXU2 Q9NXU2	100%	580	687
HTNB1J15	834872	2382	blastx.2	(AL512684) hypothetical protein [Homo sapiens]	emb CAC21643.1	99%	1536	1889
HTNB1J15	845783	2383	blastx.2	(AL512684) hypothetical protein [Homo sapiens]	emb CAC21643.1	99%	1536	1889
HTNB1J15	853916	2384	blastx.2	(AL512684) hypothetical protein [Homo sapiens]	emb CAC21643.1	99%	1536	1889
HTNB1J15	884024	2385	blastx.2	(AL512684) hypothetical protein [Homo sapiens]	emb CAC21643.1	99%	1536	1889

HTOAK03	581103	2388	blastx.2	protein [Homo sapiens] HYPOTHETICAL 158.2 KDA PROTEIN.	sp Q9Z0W3 Q9Z0W3	91% 48% 68%	781 363 440	954 470 496
HTOAO58	855972	2389	blastx.2	SCAND2.	sp AAG33966 AAG33966	49%	974	1321
HTOAT56	702026	2390	blastx.2	SYNAPTOGYRIN 2 (CELLUGYRIN).	sp O43760 SNG2_HUMA N	89% 82%	10 425	495 673
HTOBG07	566862	2391	blastx.2	(AF308285) serologically defined breast cancer antigen NY-BR-16 [Homo sapiens]	gb AAG48253.1 AF30828 5_1	99% 41% 38% 37% 33% 34% 30% 50% 44% 25% 39% 66% 57%	9 498 438 276 183 462 462 798 1182 261 1098 941 43	1343 1343 1343 1187 1319 1304 1286 953 1343 839 1247 967 84
HTOBG62	566830	2392	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	77%	1390	1112
HTODA92	849216	2393	blastx.2	(AL096828) dJ963E22.1 (Novel protein similar to NY- REN-2 Antigen) [Homo sapiens]	emb CAC09391.3	80%	2	136
HTODO45	823125	2395	blastx.2	HYPOTHETICAL 15.4 KDA PROTEIN.	sp Q99770 Q99770	57% 66%	1449 1201	1183 1166
HTOET03	845230	2399	blastx.2	DIPHTHAMIDE BIOSYNTHESIS PROTEIN-2.	sp O60623 O60623	97%	34	1041
HTOET03	837213	2400	blastx.2	DIPHTHAMIDE BIOSYNTHESIS PROTEIN-2.	sp O60623 O60623	97%	34	1041
HTOFA11	637719	2402	blastx.2	MHC CLASS II HLA-DQ- ALPHA (DR2-DQW1/DR4 DQW3) (FRAGMENT).	sp Q30086 Q30086	96% 97% 80% 68%	1348 694 1962 1882	1635 942 2069 1968
HTOFC33	824604	2403	blastx.2	PRO2550.	sp AAG35515 AAG35515	73%	1069	878

HTOGB79	762835	2404	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	65%	900	754
						52%	1639	1917
						60%	1642	1806
						50%	1661	1825
						60%	1854	1928
						43%	1797	1865
						32%	1420	1542
						42%	118	201
						60%	1444	1488
						31%	1465	1530
						27%	69	227
						63%	2756	2478
						77%	2727	2551
						60%	1339	1157
						75%	2727	2596
						51%	2661	2500
						46%	2715	2596
						68%	1284	1219
						53%	2606	2472
						42%	2663	2553
						55%	1333	1274
						42%	1214	1137
						55%	1208	1155
						42%	1302	1141
						55%	1332	1273
						48%	1332	1264
						66%	2777	2733
						52%	2730	2674
						56%	1213	1166
HTOHE22	821698	2405	blastx.2	CDNA FLJ20378 FIS, CLONE KAIA0536.	sp Q9NX85 Q9NX85	75%	1008	1217
HTOHG63	834832	2406	blastx.2	CDNA FLJ13465 fis, clone PLACE1003493, weakly similar to 1	sp BAB14599 BAB14599	98%	2	670
HTOHJ93	762836	2407	blastx.2	UBIQUITOUS TPR-MOTIF PROTEIN Y ISOFORM (FRAGMENT).	sp Q9NR08 Q9NR08	78% 77%	1309 1185	1172 1054

HTOHN40	843372	2410	blastx.2	PRO2550.	sp AAG35515 AAG35515	46%	1845	1648
HTOHR59	762850	2411	blastx.2	(AB055293) hypothetical protein [Macaca fascicularis]	dbj BAB21918.1	45%	1958	1848
HTOHS29	722256	2412	blastx.2	CDNA FLJ20378 FIS, CLONE KATA0536.	sp Q9NX85 Q9NX85	66%	1294	1061
HTOID65	636069	2413	blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	66%	177	7
HTOIE17	688061	2414	blastx.2	PRO0657 (FRAGMENT).	sp Q9UI50 Q9UI50	50%	423	761
HTOIG16	845999	2415	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	73%	1464	1153
HTOIH39	839245	2416	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	72%	1471	1439
HTOIB02	600376	2418	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	46%	930	1103
						60%	866	940
						72%	1793	1563
						93%	1558	1511
						64%	874	1182
						73%	14	127
						61%	918	616
						62%	1445	1098
						60%	949	713
						74%	1411	1265
						53%	1442	1251
						66%	919	770
						45%	966	727
						50%	787	632
						57%	1274	1134
						37%	784	614
						30%	1275	1093
						43%	840	727
						41%	889	770
						34%	1322	1143
						70%	1324	1265
						44%	1439	1338
						48%	1218	1144
						52%	1235	1161
						62%	708	661
						47%	682	626
						38%	1436	1383
HTOIJ26	821702	2419	blastx.2	(AB055293) hypothetical	dbj BAB21918.1	66%	2993	2832

HTOJP25	833623	2420	blastx.2	protein [Macaca fascicularis] hypothetical L1 protein (third intron of gene TS) - human	pir JU0033 JU0033	60%	1388	1519
HTOJS23	737735	2421	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	59% 46% 57%	1833 1670 1564	1657 1575 1523
HTOJY56	664504	2422	blastx.2	PRO2032.	sp Q9P1F2 Q9P1F2	100%	88	240
HTOJZ18	844388	2423	blastx.2	CDNA FLJ12155 fis, clone MAMMA1000472.	sp BAB13989 BAB13989	45%	1016	708
HTPC075	833645	2425	blastx.2	ORF2-LIKE PROTEIN (FRAGMENT).	sp O00549 O00549	43%	325	26
HTPDD68	590530	2427	blastx.2	(AL136810) hypothetical protein [Homo sapiens]	emb CAB66744.1	36% 96%	1318 10	1253 2004
HTSET62	833692	2430	blastx.2	HMG-box transcription factor TCF-3.	sp BAB18185 BAB18185	66% 97%	131 124	202 327
HTSFV18	609939	2431	HMMER 2.1.1	PFAM: Low-density lipoprotein receptor domain class A	PF00057	49.4	170	280
			blastx.2	(AB009462) LDL receptor related protein 105 [Homo sapiens]	dbj BAA32330.1	82%	10	984
HTSGO13	789723	2432	blastx.2	CDNA FLJ20807 FIS, CLONE ADSE01784.	sp Q9NWX15 Q9NWX15	99% 97%	195 489	548 845
HTSGO88	634834	2433	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	76% 69% 64% 46% 49% 52% 36% 68% 57% 41% 45% 50% 55% 52%	797 791 149 772 164 640 746 639 568 797 560 712 59 697	612 627 15 521 15 521 522 574 512 705 492 638 6 632

HTTAH05	772560	2434	blastx.2	CDNA FLJ20378 FIS, CLONE KAIA0536.	sp Q9NX85 Q9NX85	52%	638	576
						54%	135	103
HTTBJ38	863131	2436	blastx.2	CG4911 PROTEIN.	sp Q9VST7 Q9VST7	72%	52	20
HTTDG27	608318	2438	blastx.2	LINE-1 ELEMENT ORF2.	sp O62658 O62658	38%	251	159
HTTDN24	766485	2439	blastx.2	CDNA FLJ20510 FIS, CLONE KAT09662.	sp Q9NX02 Q9NX02	52%	475	693
						57%	666	797
HTTDO33	899418	2440	blastx.2	HYPOTHETICAL 28.3 KDA PROTEIN.	sp O95476 O95476	26%	497	1177
HTTEP11	562023	2443	blastx.2	hypothetical protein DKFZp434C0927.1 - human	pir T46441 T46441	38%	392	3
						98%	628	1725
						95%	3	629
						32%	1114	1596
HTTES77	844417	2444	blastx.2	immunoglobulin-like protein IGSF1 - human	pir T09402 T09402	99%	22	753
						81%	607	813
						84%	1006	1179
						51%	812	928
						70%	753	830
						98%	697	2085
						97%	3	719
						37%	697	1992
						40%	697	1818
						35%	697	1815
						38%	3	734
						32%	595	1761
						36%	982	1818
						37%	6	725
						32%	982	1776
						37%	45	719
						37%	9	680
						31%	6	716
						31%	6	716
						33%	6	680
						34%	129	704
						42%	1558	1821
						32%	659	733
HTTFG15	600377	2446	blastx.2	Hypothetical 10.0 kDa protein.	sp BAB12359 BAB12359	66%	327	482
HTWAM19	618318	2447	blastx.2	CDNA: FLJ21463 fis, clone	sp BAB15071 BAB15071	64%	1764	1525

HTWBF58	747706	2448		COL04765.		77%	1867	1763
HTWBO30	655371	2449	blastx.2	FLJ00047 protein (Fragment).	sp BAB15745 BAB15745	81%	1022	924
HTWBZ57	828030	2450	blastx.2	UNNAMED PORTEIN PRODUCT.	sp Q9N083 Q9N083	52%	760	578
HTWCC10	747687	2451	blastx.2	HHM PROTEIN.	sp Q9NS19 Q9NS19	55%	560	453
HTWCT76	767758	2453	blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp Q9NS19 Q9NS19	99%	314	1276
HTWDJ17	784037	2454	blastx.2	protein [Macaca fascicularis]	sp BAB15056 BAB15056	97%	198	320
HTWDM89	569787	2455	blastx.2	(AB055293) hypothetical protein [Mus musculus]	dbj BAB21918.1	51%	1240	947
HTWEQ36	823369	2458	blastx.2	(AK013267) putative [Mus musculus]	dbj BAB28758.1	68%	1550	1368
HTWFA88	596942	2460	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	58%	1361	1311
HTWFO43	858741	2462	blastx.2	CDNA FLJ20187 FIS, CLONE COLF0433.	sp Q9NXXK9 Q9NXXK9	93%	17	1255
				probable transposase - human transposon MER37	pir S72481 S72481	67%	1442	1146
				NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	100%	724	891
						57%	709	1272
						70%	1350	1559
						62%	800	952
						58%	1286	1357
						64%	926	627
						60%	1275	1039
						63%	1241	1047
						42%	1106	744
						55%	1290	1102
						40%	1108	689
						61%	907	743
						40%	1215	1087
						84%	1034	996
						36%	922	743
						36%	841	596
						53%	684	601
						59%	753	688
						58%	675	625
						36%	863	744
						30%	863	633
						41%	1272	1183

HTXAD75	745410	2465	blastx.2	Calpain 2.	sp AAG32771 AAG32771	29%	920	777
HTXAR92	656935	2466	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	52%	1033	977
HTXBU88	604985	2468	blastx.2	PRO2550.	sp AAG35515 AAG35515	64%	657	607
HTXCP27	892364	2469	blastx.2	PROTEIN PHOSPHATASE 2C GAMMA ISOFORM (EC 3.1.3.16) 1 1	sp O15355 P2CG_HUMA N	45%	1063	992
HTXCU30	839846	2470	blastx.2	CDNA: FLJ21463 fis, clone COL04765.	sp BAB15071 BAB15071	30%	1272	1054
HTXCV44	740773	2471	blastx.2	CDNA FLJ12155 fis, clone MAMMA1000472.	sp BAB13989 BAB13989	98%	285	524
HTXDJ75	562780	2473	blastx.2	PVA1 GENE.	sp Q26195 Q26195	100%	946	1149
HTXDT72	778083	2477	blastx.2	CDNA FLJ12238 fis, clone MAMMA1001260, weakly similar to 1	sp BAB14005 BAB14005	97%	521	628
HTXDZ68	824545	2479	blastx.2	HSPC106 (FRAGMENT).	sp Q9P0D0 Q9P0D0	59%	875	684
HTXEN33	589556	2480	blastx.2	ICSAT TRANSCRIPTION FACTOR (FRAGMENT).	sp Q99419 Q99419	80%	639	577
HTXJD08	566885	2485	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14288 Q14288	81%	706	641
HTXJD85	840391	2486	blastx.2	CDNA FLJ11786 fis, clone HEMBA1006036.	sp BAB13911 BAB13911	63%	630	803
HTXJ159	869905	2488	blastx.2	SHC TRANSFORMING PROTEIN.	sp P29353 SHC_HUMAN	62%	794	898
						52%	883	945
						72%	1527	1366
						68%	1370	1323
						55%	1619	1335
						70%	8	397
						71%	136	498
						90%	80	277
						78%	843	968
						59%	743	1111
						57%	395	583
						47%	604	756
						51%	1114	818
						93%	1708	1571



HTXJJ92	688062	2489	blastx.2	X-linked retinopathy protein (C-terminal, clone XEH.8c) - human (fragment)	pir A46010 A46010	48%	537	782
HTXJM94	853413	2490	blastx.2	(AF077205) HSPC019 [Homo sapiens]	gb AAD27000.1	83%	44	262
HTXJW06	789201	2492	blastx.2	ADRENAL GLAND PROTEIN AD-003.	sp Q9UI28 Q9UI28	100%	868	614
HTXKKB57	844329	2493	blastx.2	HSPC309 (FRAGMENT).	sp Q9P073 Q9P073	79% 60% 94% 44% 58%	1125 1334 1072 927 427	1526 1501 1128 1007 462
HTXKH40	600378	2495	blastx.2	CGI-71 PROTEIN.	sp Q9Y380 Q9Y380	94%	9	290
HTXKK76	858755	2496	blastx.2	pro-pol-dUTPase polypeptide - murine endogenous retrovirus ERV-L (fragment)	pir T29097 T29097	44%	475	2
HTXKLS3	783141	2497	blastx.2	CGI-05 PROTEIN.	sp Q9Y3F0 Q9Y3F0	90% 100%	3 1315	89 1359
HTXLC05	843523	2500	blastx.2	Sphingosine-1-phosphatase.	sp CAC17772 CAC17772	28%	4	531
HTXLY94	844165	2503	blastx.2	hypothetical protein DKFZp586F0424.1 - human (fragment)	pir T14744 T14744	67%	44	643
HTXNV66	840597	2504	blastx.2	ADP-RIBOSYLATION FACTOR BINDING PROTEIN GGA2.	sp Q9UJY4 Q9UJY4	99%	18	431
HTXOL30	838462	2505	blastx.2	Hypothetical 8.0 kDa protein.	sp BAB12345 BAB12345	68%	840	718
HTXOW27	839280	2506	blastx.2	(AL136862) hypothetical protein [Homo sapiens]	emb CAB66796.1	98% 100%	229 1649	1656 2086
HTXPD86	834772	2507	blastx.2	WD-REPEAT PROTEIN 5 (FRAGMENT).	sp Q9UGP9 WDR5_HUMAN	99%	74	1132
HTXPT57	897834	2508	blastx.2	NEURONAL THREAD PROTEIN AD7C-NTP.	sp O60448 O60448	62% 61% 52% 48% 52% 61% 42%	717 723 689 1121 1084 939 725	526 544 408 834 926 838 474

[illegible]









Figure 1 consists of 12 sub-graphs, labeled (a) through (l), each showing the time course of a different physiological or behavioral measure over a 10-minute period. The x-axis for all graphs is 'Time (min)' ranging from 0 to 10. The y-axis scales are as follows: (a) HR (b/min) 0-180; (b) BP (mmHg) 0-160; (c) SV (ml) 0-100; (d) SVI (ml/min/m²) 0-10; (e) CO (l/min) 0-10; (f) COI (l/min/m²) 0-10; (g) VTI (cm) 0-10; (h) VTII (cm) 0-10; (i) VTI/BSA (cm/m²) 0-10; (j) VTI/BSA² (cm/m²) 0-10; (k) VTI/BSA³ (cm/m²) 0-10; (l) VTI/BSA⁴ (cm/m²) 0-10. The graphs show that most measures increase over time, with the most significant increases seen in CO, COI, and VTI/BSA³.







Figure 1 shows the results of the 1000 iterations. The mean values of the parameters are shown in Table 1. The mean values of the parameters are shown in Table 1. The mean values of the parameters are shown in Table 1.

\_\_\_\_\_



HUKCS86	826468	2527	blastx.2	CDNA FLJ20500 FIS, CLONE KAT09159.	sp Q9NX09 Q9NX09	100%	201	896
HUKCS86	844245	2528	blastx.2	CDNA FLJ20500 FIS, CLONE KAT09159.	sp Q9NX09 Q9NX09	100%	201	896
HUKEA22	702029	2529	blastx.2	CINGULIN.	sp Q9PTD7 Q9PTD7	75% 23% 22%	575 569 569	12 51 18
HUKFC71	845161	2607	blastx.2	MITOCHONDRIAL 28S RIBOSOMAL PROTEIN S15 (MRP-S15).	sp P82914 P82914	100%	293	931
HUKFV37	844644	2533	blastx.2	SYNAPTOGYRIN 2 (CELLUGYRIN).	sp O43760 SNG2_HUMAN	99%	49	720
HUNAL39	559448	2535	blastx.2	HYPOTHETICAL PROTEIN (FRAGMENT).	sp Q14288 Q14288	81%	1009	629
HUSAO04	877889	2536	HMMER 2.1.1	PFAM: RNA synthetases class I (W and Y)	PF00579	260.4	255	965
HUSAO04	870791	2537	blastx.2	CDNA FLJ13995 fis, clone Y79AA1002209, weakly similar to 1	sp BAB14806 BAB14806	99%	30	1460
HUSAO04	870791	2537	HMMER 2.1.1	PFAM: RNA synthetases class I (W and Y)	PF00579	212.2	297	965
HUSAO04	870791	2537	blastx.2	CDNA FLJ13995 fis, clone Y79AA1002209, weakly similar to 1	sp BAB14806 BAB14806	99%	30	1460
HUSCA09	853417	2538	HMMER 2.1.1	PFAM: Leucine Rich Repeat	PF00560	69.9	1259	1327
HUSGB23	704094	2540	WUblastx.64	similar to yeast adenylate cyclase (S56776) [Homo sapiens]	dbj BAA13220.1	97%	203	1630
HUSGY15	759888	2543	blastx.2	(AL136817) hypothetical protein [Homo sapiens]	emb CAB66751.1	74% 97%	12 143	212 247
HUSHD41	866498	2544	blastx.2	ZINC TRANSPORTER LIKE 2.	sp Q9JKN1 Q9JKN1	94%	162	1289
HUSHK65	847188	2545	HMMER	UNNAMED PORTEIN PRODUCT.	sp Q9N092 Q9N092	96% 56%	2575 2569	1541 2501
HUSHK65	847188	2545	HMMER	PFAM: CUB domain	PF00431	292.1	887	1222





Figure 1 consists of seven sub-graphs, labeled (a) through (g), each showing the time course of plasma concentrations of a specific drug or metabolite over a 12-hour period. The x-axis for all graphs is 'Time (h)' ranging from 0 to 12. The y-axis is 'Concentration (mg/L)' with varying scales for each graph. Each graph contains data points (open circles) and a fitted curve (solid line).  
 (a) Parent drug: Concentration ranges from 0 to 1.0 mg/L. The curve shows a rapid initial decline followed by a slower, linear decrease on a semi-log scale.  
 (b) Metabolite: Concentration ranges from 0 to 1.0 mg/L. The curve shows a rapid initial decline followed by a slower, linear decrease on a semi-log scale.  
 (c) Metabolite: Concentration ranges from 0 to 1.0 mg/L. The curve shows a rapid initial decline followed by a slower, linear decrease on a semi-log scale.  
 (d) Metabolite: Concentration ranges from 0 to 1.0 mg/L. The curve shows a rapid initial decline followed by a slower, linear decrease on a semi-log scale.  
 (e) Metabolite: Concentration ranges from 0 to 1.0 mg/L. The curve shows a rapid initial decline followed by a slower, linear decrease on a semi-log scale.  
 (f) Metabolite: Concentration ranges from 0 to 1.0 mg/L. The curve shows a rapid initial decline followed by a slower, linear decrease on a semi-log scale.  
 (g) Metabolite: Concentration ranges from 0 to 1.0 mg/L. The curve shows a rapid initial decline followed by a slower, linear decrease on a semi-log scale.





095008 = 091201

000508-0012



































HUVQ68	561963	2553	blastx.2	ENDOBREVIN.	sp O60625 O60625	100%	511	639
								339
HUVEG53	797556	2555	blastx.2	LINE-1 ELEMENT ORF2.	sp O62658 O62658	60%	1391	1263
								1894

HWAAH11	815548	2556				CDNA FLJ11856 fis, clone HEMBA1006789.	sp BAB13936 BAB13936	41%	2159 1843	2022 1676
HWAAQ28	806588	2557			blastx.2	HSPC169.	sp Q9NZZ8 Q9NZZ8	100%	362	754
HWABR43	823367	2559			blastx.2	CDNA: FLJ21394 fis, clone COL03536.	sp BAB15056 BAB15056	96% 100% 23%	62 651 649	676 980 801
HWACZ33	827311	2561			blastx.2	collagen-related protein 1 precursor - Hydra magnipapillata	pir A41132 A41132	70% 78%	133 133 1129	2075 2032
HWADV90	897732	2562			blastx.2	CDNA FLJ20489 FIS, CLONE KAT08285.	sp Q9NX17 Q9NX17	51% 45% 66%	2305 2073	270 291 1164
HWAEB52	873207	2563			blastx.2	CDNA FLJ13219 fis, clone NT2RP4001849, weakly similar to 1	sp BAB14506 BAB14506	79%	389 356	1426 1168
HWBAK71	853581	2564			blastx.2	NADH dehydrogenase (ubiquinone) (EC 1.6.5.3) chain 3 - human mitochondrion	pir A00422 DNHUN3	90% 27%	23	340
HWBBU75	780360	2565			blastx.2	MUNC13-4 PROTEIN.	sp Q9R189 Q9R189	82% 88% 78% 70% 34% 31%	1454 194 913 2229 401 1586	2362 952 1434 2729 532 1711
HWBCN81	853580	2566			blastx.2	(AL109658) dJ776F14.2 (a novel protein member of the PTPNS 1 [Homo sapiens])	emb CAB96828.1	94% 29% 100%	195 222 150	560 662 221
HWBCX93	853418	2568			blastx.2	CDNA FLJ20378 FIS, CLONE KAIA0536.	sp Q9NX85 Q9NX85	82% 80%	829 642	641 553
HWHGV77	788555	2572			blastx.2	SKIN-SPECIFIC PROTEIN (FRAGMENT).	sp O14634 O14634	98%	427	756
HWHGW09	702032	2573			HMMER 2.1.1	PFAM: Uncharacterized protein family	PF01027	68.3	271	444
					blastx.2	CGI-119 PROTEIN.	sp Q9Y3C2 Q9Y3C2	92%	223	450

HWLHA21	638966	2574	blastx.2	SKIN-SPECIFIC PROTEIN. (AJ245876) putative cytoplasmatic protein [Homo sapiens]	sp O14633 O14633	93%	121	450
HWHPU44	778090	2575	blastx.2		emb CAC21571.1	97%	311	547
HWLGP26	834770	2579	blastx.2	DNA POLYMERASE MU.	sp Q9NP87 Q9NP87	100%	3	260
						94%	295	465
						87%	432	623
						93%	674	760
						76%	248	298
						24%	128	397
HWLHO31	837480	2580	blastx.2	KINESIN-LIKE PROTEIN GAKIN.	sp Q9NQT8 Q9NQT8	96%	190	1689
						100%	41	205
HWLJN08	800626	2582	blastx.2	PROTEIN KINASE C INHIBITOR.	sp Q9I839 Q9I839	60%	467	844
HWLRE03	831198	2583	blastx.2	HYPOTHETICAL 53.8 KDA PROTEIN (FRAGMENT).	sp O60646 O60646	99%	1238	2431
						92%	1008	1265
HWITBL86	791720	2589	blastx.2	hypothetical protein DKFZp434N0335.1 - human (fragment)	pir T17285 T17285	99%	1	1107
HWITBX66	732187	2590	blastx.2	(AJ276505) tumor suppressing subtransferable candidate 5 [Mus 1]	emb CAC16401.2	35%	30	317
						28%	513	989
HYAAD61	897736	2592	blastx.2	ATPASE SUBUNIT 6.	sp Q9T9W0 Q9T9W0	94%	2006	2179
						47%	1036	1101
HYBAP75	853561	2594	blastx.2	UNNAMED PROTEIN PRODUCT.	sp Q9N032 Q9N032	64%	909	1025
HYBBD81	533784	2597	blastx.2	(AC011708) putative RING zinc finger protein [Arabidopsis thaliana]	gb AAFI9568.1 AC011708_11	38%	444	112
						75%	183	100
						35%	604	515
						34%	604	509

[117] Table 2 further characterizes certain encoded polypeptides of the invention, by providing the results of comparisons to protein and protein family databases. The first column provides a unique clone identifier, "Clone ID NO:", corresponding to a cDNA clone disclosed in Table 1A and/or Table 1B. The second column provides the unique contig identifier, "Contig ID:" which allows correlation with the information in Table 1B. The third column provides the sequence identifier, "SEQ ID NO:", for the contig polynucleotide sequences. The fourth column provides the analysis method by which the homology/identity disclosed in the Table was determined. The fifth column provides a description of the PFAM/NR hit identified by each analysis. Column six provides the accession number of the PFAM/NR hit disclosed in the fifth column. Column seven, score/percent identity, provides a quality score or the percent identity, of the hit disclosed in column five. Comparisons were made between polypeptides encoded by polynucleotides of the invention and a non-redundant protein database (herein referred to as "NR"), or a database of protein families (herein referred to as "PFAM"), as described below.

[118] The NR database, which comprises the NBRF PIR database, the NCBI GenPept database, and the SIB SwissProt and TrEMBL databases, was made non-redundant using the computer program nrdb2 (Warren Gish, Washington University in Saint Louis). Each of the polynucleotides shown in Table 1B, column 3 (e.g., SEQ ID NO:X or the 'Query' sequence) was used to search against the NR database. The computer program BLASTX was used to compare a 6-frame translation of the Query sequence to the NR database (for information about the BLASTX algorithm please see Altschul et al., J. Mol. Biol. 215:403-410 (1990), and Gish and States, Nat. Genet. 3:266-272 (1993). A description of the sequence that is most similar to the Query sequence (the highest scoring 'Subject') is shown in column five of Table 2 and the database accession number for that sequence is provided in column six. The highest scoring 'Subject' is reported in Table 2 if (a) the estimated probability that the match occurred by chance alone is less than  $1.0e-07$ , and (b) the match was not to a known repetitive element. BLASTX returns alignments of short polypeptide segments of the Query and Subject sequences which share a high degree of similarity; these segments are known as High-Scoring Segment Pairs or HSPs. Table 2 reports the degree of similarity between the Query and the Subject for each HSP as a percent identity in Column 7. The percent identity is determined by dividing the number of exact matches between the two aligned sequences in the HSP, dividing by the number of Query amino acids in the HSP and multiplying by 100. The polynucleotides of SEQ ID

NO:X which encode the polypeptide sequence that generates an HSP are delineated by columns 8 and 9 of Table 2.

[119] The PFAM database, PFAM version 2.1, (Sonnhammer, Nucl. Acids Res., 26:320-322, 1998))consists of a series of multiple sequence alignments; one alignment for each protein family. Each multiple sequence alignment is converted into a probability model called a Hidden Markov Model, or HMM, that represents the position-specific variation among the sequences that make up the multiple sequence alignment (see, e.g., Durbin, et al., *Biological sequence analysis: probabilistic models of proteins and nucleic acids*, Cambridge University Press, 1998 for the theory of HMMs). The program HMMER version 1.8 (Sean Eddy, Washington University in Saint Louis) was used to compare the predicted protein sequence for each Query sequence (SEQ ID NO:Y in Table 1B) to each of the HMMs derived from PFAM version 2.1. A HMM derived from PFAM version 2.1 was said to be a significant match to a polypeptide of the invention if the score returned by HMMER 1.8 was greater than 0.8 times the HMMER 1.8 score obtained with the most distantly related known member of that protein family. The description of the PFAM family which shares a significant match with a polypeptide of the invention is listed in column 5 of Table 2, and the database accession number of the PFAM hit is provided in column 6. Column 7 provides the score returned by HMMER version 1.8 for the alignment. Columns 8 and 9 delineate the polynucleotides of SEQ ID NO:X which encode the polypeptide sequence which show a significant match to a PFAM protein family.

[120] As mentioned, columns 8 and 9 in Table 2, "NT From" and "NT To", delineate the polynucleotides of "SEQ ID NO:X" that encode a polypeptide having a significant match to the PFAM/NR database as disclosed in the fifth column. In one embodiment, the invention provides a protein comprising, or alternatively consisting of, a polypeptide encoded by the polynucleotides of SEQ ID NO:X delineated in columns 8 and 9 of Table 2. Also provided are polynucleotides encoding such proteins, and the complementary strand thereto.

[121] The nucleotide sequence SEQ ID NO:X and the translated SEQ ID NO:Y are sufficiently accurate and otherwise suitable for a variety of uses well known in the art and described further below. For instance, the nucleotide sequences of SEQ ID NO:X are useful for designing nucleic acid hybridization probes that will detect nucleic acid sequences contained in SEQ ID NO:X or the cDNA contained in Clone ID NO:Z. These probes will also hybridize to nucleic acid molecules in biological samples, thereby

enabling immediate applications in chromosome mapping, linkage analysis, tissue identification and/or typing, and a variety of forensic and diagnostic methods of the invention. Similarly, polypeptides identified from SEQ ID NO:Y may be used to generate antibodies which bind specifically to these polypeptides, or fragments thereof, and/or to the polypeptides encoded by the cDNA clones identified in, for example, Table 1A and/or 1B.

[122] Nevertheless, DNA sequences generated by sequencing reactions can contain sequencing errors. The errors exist as misidentified nucleotides, or as insertions or deletions of nucleotides in the generated DNA sequence. The erroneously inserted or deleted nucleotides cause frame shifts in the reading frames of the predicted amino acid sequence. In these cases, the predicted amino acid sequence diverges from the actual amino acid sequence, even though the generated DNA sequence may be greater than 99.9% identical to the actual DNA sequence (for example, one base insertion or deletion in an open reading frame of over 1000 bases).

[123] Accordingly, for those applications requiring precision in the nucleotide sequence or the amino acid sequence, the present invention provides not only the generated nucleotide sequence identified as SEQ ID NO:X, and a predicted translated amino acid sequence identified as SEQ ID NO:Y, but also a sample of plasmid DNA containing cDNA Clone ID NO:Z (e.g., as set forth in columns 2 and 3 of Table 1A and/or as set forth, for example, in Table 1B, 6, and 7). The nucleotide sequence of each deposited clone can readily be determined by sequencing the deposited clone in accordance with known methods. Further, techniques known in the art can be used to verify the nucleotide sequences of SEQ ID NO:X.

[124] The predicted amino acid sequence can then be verified from such deposits. Moreover, the amino acid sequence of the protein encoded by a particular clone can also be directly determined by peptide sequencing or by expressing the protein in a suitable host cell containing the deposited human cDNA, collecting the protein, and determining its sequence.

#### ***RACE Protocol For Recovery of Full-Length Genes***

[125] Partial cDNA clones can be made full-length by utilizing the rapid amplification of cDNA ends (RACE) procedure described in Frohman, M.A., et al., Proc. Nat'l. Acad. Sci. USA, 85:8998-9002 (1988). A cDNA clone missing either the 5' or 3' end can be reconstructed to include the absent base pairs extending to the translational start or stop



codon, respectively. In some cases, cDNAs are missing the start codon of translation, therefor. The following briefly describes a modification of this original 5' RACE procedure. Poly A<sup>+</sup> or total RNA is reverse transcribed with Superscript II (Gibco/BRL) and an antisense or complementary primer specific to the cDNA sequence. The primer is removed from the reaction with a Microcon Concentrator (Amicon). The first-strand cDNA is then tailed with dATP and terminal deoxynucleotide transferase (Gibco/BRL). Thus, an anchor sequence is produced which is needed for PCR amplification. The second strand is synthesized from the dA-tail in PCR buffer, Taq DNA polymerase (Perkin-Elmer Cetus), an oligo-dT primer containing three adjacent restriction sites (XhoI, SalI and ClaI) at the 5' end and a primer containing just these restriction sites. This double-stranded cDNA is PCR amplified for 40 cycles with the same primers as well as a nested cDNA-specific antisense primer. The PCR products are size-separated on an ethidium bromide-agarose gel and the region of gel containing cDNA products the predicted size of missing protein-coding DNA is removed. cDNA is purified from the agarose with the Magic PCR Prep kit (Promega), restriction digested with XhoI or SalI, and ligated to a plasmid such as pBluescript SKII (Stratagene) at XhoI and EcoRV sites. This DNA is transformed into bacteria and the plasmid clones sequenced to identify the correct protein-coding inserts. Correct 5' ends are confirmed by comparing this sequence with the putatively identified homologue and overlap with the partial cDNA clone. Similar methods known in the art and/or commercial kits are used to amplify and recover 3' ends.

[126] Several quality-controlled kits are commercially available for purchase. Similar reagents and methods to those above are supplied in kit form from Gibco/BRL for both 5' and 3' RACE for recovery of full length genes. A second kit is available from Clontech which is a modification of a related technique, SLIC (single-stranded ligation to single-stranded cDNA), developed by Dumas et al., *Nucleic Acids Res.*, 19:5227-32 (1991). The major differences in procedure are that the RNA is alkaline hydrolyzed after reverse transcription and RNA ligase is used to join a restriction site-containing anchor primer to the first-strand cDNA. This obviates the necessity for the dA-tailing reaction which results in a polyT stretch that is difficult to sequence past.

[127] An alternative to generating 5' or 3' cDNA from RNA is to use cDNA library double-stranded DNA. An asymmetric PCR-amplified antisense cDNA strand is synthesized with an antisense cDNA-specific primer and a plasmid-anchored primer. These primers are removed and a symmetric PCR reaction is performed with a nested cDNA-specific antisense primer and the plasmid-anchored primer.

### ***RNA Ligase Protocol For Generating The 5' or 3' End Sequences To Obtain Full Length Genes***

[128] Once a gene of interest is identified, several methods are available for the identification of the 5' or 3' portions of the gene which may not be present in the original cDNA plasmid. These methods include, but are not limited to, filter probing, clone enrichment using specific probes and protocols similar and identical to 5' and 3' RACE. While the full length gene may be present in the library and can be identified by probing, a useful method for generating the 5' or 3' end is to use the existing sequence information from the original cDNA to generate the missing information. A method similar to 5' RACE is available for generating the missing 5' end of a desired full-length gene. (This method was published by Fromont-Racine et al., *Nucleic Acids Res.*, 21(7):1683-1684 (1993)). Briefly, a specific RNA oligonucleotide is ligated to the 5' ends of a population of RNA presumably containing full-length gene RNA transcript and a primer set containing a primer specific to the ligated RNA oligonucleotide and a primer specific to a known sequence of the gene of interest, is used to PCR amplify the 5' portion of the desired full length gene which may then be sequenced and used to generate the full length gene. This method starts with total RNA isolated from the desired source, poly A RNA may be used but is not a prerequisite for this procedure. The RNA preparation may then be treated with phosphatase if necessary to eliminate 5' phosphate groups on degraded or damaged RNA which may interfere with the later RNA ligase step. The phosphatase if used is then inactivated and the RNA is treated with tobacco acid pyrophosphatase in order to remove the cap structure present at the 5' ends of messenger RNAs. This reaction leaves a 5' phosphate group at the 5' end of the cap cleaved RNA which can then be ligated to an RNA oligonucleotide using T4 RNA ligase. This modified RNA preparation can then be used as a template for first strand cDNA synthesis using a gene specific oligonucleotide. The first strand synthesis reaction can then be used as a template for PCR amplification of the desired 5' end using a primer specific to the ligated RNA oligonucleotide and a primer specific to the known sequence of the gene of interest. The resultant product is then sequenced and analyzed to confirm that the 5' end sequence belongs to the relevant gene.

[129] The present invention also relates to vectors or plasmids which include such DNA sequences, as well as the use of the DNA sequences. The material deposited with the ATCC (e.g., as described in columns 2 and 3 of Table 1A, and/or as set forth in Table 1B,

Table 6, or Table 7) is a mixture of cDNA clones derived from a variety of human tissue and cloned in either a plasmid vector or a phage vector, as described, for example, in Table 1A and Table 7. These deposits are referred to as "the deposits" herein. The tissues from which some of the clones were derived are listed in Table 7, and the vector in which the corresponding cDNA is contained is also indicated in Table 7. The deposited material includes cDNA clones corresponding to SEQ ID NO:X described, for example, in Table 1A and/or 1B (Clone ID NO:Z). A clone which is isolatable from the ATCC Deposits by use of a sequence listed as SEQ ID NO:X, may include the entire coding region of a human gene or in other cases such clone may include a substantial portion of the coding region of a human gene. Furthermore, although the sequence listing may in some instances list only a portion of the DNA sequence in a clone included in the ATCC Deposits, it is well within the ability of one skilled in the art to sequence the DNA included in a clone contained in the ATCC Deposits by use of a sequence (or portion thereof) described in, for example Tables 1A and/or 1B or 2, by procedures hereinafter further described, and others apparent to those skilled in the art.

[130] Also provided in Table 1A and 7 is the name of the vector which contains the cDNA clone. Each vector is routinely used in the art. The following additional information is provided for convenience.

[131] Vectors Lambda Zap (U.S. Patent Nos. 5,128,256 and 5,286,636), Uni-Zap XR (U.S. Patent Nos. 5,128, 256 and 5,286,636), Zap Express (U.S. Patent Nos. 5,128,256 and 5,286,636), pBluescript (pBS) (Short, J. M. et al., *Nucleic Acids Res.* 16:7583-7600 (1988); Alting-Mees, M. A. and Short, J. M., *Nucleic Acids Res.* 17:9494 (1989)) and pBK (Alting-Mees, M. A. et al., *Strategies* 5:58-61 (1992)) are commercially available from Stratagene Cloning Systems, Inc., 11011 N. Torrey Pines Road, La Jolla, CA, 92037. pBS contains an ampicillin resistance gene and pBK contains a neomycin resistance gene. Phagemid pBS may be excised from the Lambda Zap and Uni-Zap XR vectors, and phagemid pBK may be excised from the Zap Express vector. Both phagemids may be transformed into *E. coli* strain XL-1 Blue, also available from Stratagene.

[132] Vectors pSport1, pCMVSPORT 1.0, pCMVSPORT 2.0 and pCMVSPORT 3.0, were obtained from Life Technologies, Inc., P. O. Box 6009, Gaithersburg, MD 20897. All Sport vectors contain an ampicillin resistance gene and may be transformed into *E. coli* strain DH10B, also available from Life Technologies. See, for instance, Gruber, C. E., et al., *Focus* 15:59- (1993). Vector lafmid BA (Bento Soares, Columbia University, New York, NY) contains an ampicillin resistance gene and can be transformed into *E. coli*

strain XL-1 Blue. Vector pCR<sup>®</sup>2.1, which is available from Invitrogen, 1600 Faraday Avenue, Carlsbad, CA 92008, contains an ampicillin resistance gene and may be transformed into *E. coli* strain DH10B, available from Life Technologies. See, for instance, Clark, J. M., *Nuc. Acids Res.* 16:9677-9686 (1988) and Mead, D. *et al.*, *Bio/Technology* 9: (1991).

[133] The present invention also relates to the genes corresponding to SEQ ID NO:X, SEQ ID NO:Y, and/or the deposited clone (Clone ID NO:Z). The corresponding gene can be isolated in accordance with known methods using the sequence information disclosed herein. Such methods include preparing probes or primers from the disclosed sequence and identifying or amplifying the corresponding gene from appropriate sources of genomic material.

[134] Also provided in the present invention are allelic variants, orthologs, and/or species homologs. Procedures known in the art can be used to obtain full-length genes, allelic variants, splice variants, full-length coding portions, orthologs, and/or species homologs of genes corresponding to SEQ ID NO:X or the complement thereof, polypeptides encoded by genes corresponding to SEQ ID NO:X or the complement thereof, and/or the cDNA contained in Clone ID NO:Z, using information from the sequences disclosed herein or the clones deposited with the ATCC. For example, allelic variants and/or species homologs may be isolated and identified by making suitable probes or primers from the sequences provided herein and screening a suitable nucleic acid source for allelic variants and/or the desired homologue.

[135] The polypeptides of the invention can be prepared in any suitable manner. Such polypeptides include isolated naturally occurring polypeptides, recombinantly produced polypeptides, synthetically produced polypeptides, or polypeptides produced by a combination of these methods. Means for preparing such polypeptides are well understood in the art.

[136] The polypeptides may be in the form of the secreted protein, including the mature form, or may be a part of a larger protein, such as a fusion protein (see below). It is often advantageous to include an additional amino acid sequence which contains secretory or leader sequences, pro-sequences, sequences which aid in purification, such as multiple histidine residues, or an additional sequence for stability during recombinant production.

[137] The polypeptides of the present invention are preferably provided in an isolated form, and preferably are substantially purified. A recombinantly produced version of a polypeptide, including the secreted polypeptide, can be substantially purified using

0950083 091201

techniques described herein or otherwise known in the art, such as, for example, by the one-step method described in Smith and Johnson, Gene 67:31-40 (1988). Polypeptides of the invention also can be purified from natural, synthetic or recombinant sources using techniques described herein or otherwise known in the art, such as, for example, antibodies of the invention raised against the polypeptides of the present invention in methods which are well known in the art.

[138] The present invention provides a polynucleotide comprising, or alternatively consisting of, the nucleic acid sequence of SEQ ID NO:X, and/or the cDNA sequence contained in Clone ID NO:Z. The present invention also provides a polypeptide comprising, or alternatively, consisting of, the polypeptide sequence of SEQ ID NO:Y, a polypeptide encoded by SEQ ID NO:X or a complement thereof, a polypeptide encoded by the cDNA contained in Clone ID NO:Z, and/or the polypeptide sequence encoded by a nucleotide sequence in SEQ ID NO:B as defined in column 6 of Table 1C. Polynucleotides encoding a polypeptide comprising, or alternatively consisting of the polypeptide sequence of SEQ ID NO:Y, a polypeptide encoded by SEQ ID NO:X, a polypeptide encoded by the cDNA contained in Clone ID NO:Z, and/or a polypeptide sequence encoded by a nucleotide sequence in SEQ ID NO:B as defined in column 6 of Table 1C are also encompassed by the invention. The present invention further encompasses a polynucleotide comprising, or alternatively consisting of, the complement of the nucleic acid sequence of SEQ ID NO:X, a nucleic acid sequence encoding a polypeptide encoded by the complement of the nucleic acid sequence of SEQ ID NO:X, and/or the cDNA contained in Clone ID NO:Z.

[139] Moreover, representative examples of polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the sequences delineated in Table 1C column 6, or any combination thereof. Additional, representative examples of polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the complementary strand(s) of the sequences delineated in Table 1C column 6, or any combination thereof. In further embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in Table 1C, column 6, and have a nucleic acid sequence which is different from that of the BAC fragment having the sequence disclosed in SEQ ID NO:B (see Table 1C, column 5). In additional embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in Table 1C, column 6, and have a nucleic

acid sequence which is different from that published for the BAC clone identified as BAC ID NO:A (see Table 1C, column 4). In additional embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in Table 1C, column 6, and have a nucleic acid sequence which is different from that contained in the BAC clone identified as BAC ID NO:A (see Table 1C, column 4). Polypeptides encoded by these polynucleotides, other polynucleotides that encode these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides and polypeptides are also encompassed by the invention.

[140] Further, representative examples of polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the sequences delineated in column 6 of Table 1C which correspond to the same Clone ID NO:Z (see Table 1C, column 1), or any combination thereof. Additional, representative examples of polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the complementary strand(s) of the sequences delineated in column 6 of Table 1C which correspond to the same Clone ID NO:Z (see Table 1C, column 1), or any combination thereof. In further embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in column 6 of Table 1C which correspond to the same Clone ID NO:Z (see Table 1C, column 1) and have a nucleic acid sequence which is different from that of the BAC fragment having the sequence disclosed in SEQ ID NO:B (see Table 1C, column 5). In additional embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in column 6 of Table 1C which correspond to the same Clone ID NO:Z (see Table 1C, column 1) and have a nucleic acid sequence which is different from that published for the BAC clone identified as BAC ID NO:A (see Table 1C, column 4). In additional embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in column 6 of Table 1C which correspond to the same Clone ID NO:Z (see Table 1C, column 1) and have a nucleic acid sequence which is different from that contained in the BAC clone identified as BAC ID NO:A (see Table 1C, column 4). Polypeptides encoded by these polynucleotides, other polynucleotides that encode these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides and polypeptides are also encompassed by the invention.

[141] Further, representative examples of polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the sequences delineated in column 6 of Table 1C which correspond to the same contig sequence identifier SEQ ID NO:X (see Table 1C, column 2), or any combination thereof. Additional, representative examples of polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the complementary strand(s) of the sequences delineated in column 6 of Table 1C which correspond to the same contig sequence identifier SEQ ID NO:X (see Table 1C, column 2), or any combination thereof. In further embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in column 6 of Table 1C which correspond to the same contig sequence identifier SEQ ID NO:X (see Table 1C, column 2) and have a nucleic acid sequence which is different from that of the BAC fragment having the sequence disclosed in SEQ ID NO:B (see Table 1C, column 5). In additional embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in column 6 of Table 1C which correspond to the same contig sequence identifier SEQ ID NO:X (see Table 1C, column 2) and have a nucleic acid sequence which is different from that published for the BAC clone identified as BAC ID NO:A (see Table 1C, column 4). In additional embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in column 6 of Table 1C which correspond to the same contig sequence identifier SEQ ID NO:X (see Table 1C, column 2) and have a nucleic acid sequence which is different from that contained in the BAC clone identified as BAC ID NO:A (See Table 1C, column 4). Polypeptides encoded by these polynucleotides, other polynucleotides that encode these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides and polypeptides are also encompassed by the invention.

[142] Moreover, representative examples of polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the sequences delineated in the same row of Table 1C column 6, or any combination thereof. Additional, representative examples of polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the complementary strand(s) of the sequences delineated in the same row of Table 1C column 6, or any combination thereof. In preferred embodiments, the polynucleotides of

the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the complementary strand(s) of the sequences delineated in the same row of Table 1C column 6, wherein sequentially delineated sequences in the table (i.e. corresponding to those exons located closest to each other) are directly contiguous in a 5' to 3' orientation. In further embodiments, above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in the same row of Table 1C, column 6, and have a nucleic acid sequence which is different from that of the BAC fragment having the sequence disclosed in SEQ ID NO:B (see Table 1C, column 5). In additional embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in the same row of Table 1C, column 6, and have a nucleic acid sequence which is different from that published for the BAC clone identified as BAC ID NO:A (see Table 1C, column 4). In additional embodiments, the above-described polynucleotides of the invention comprise, or alternatively consist of, sequences delineated in the same row of Table 1C, column 6, and have a nucleic acid sequence which is different from that contained in the BAC clone identified as BAC ID NO:A (see Table 1C, column 4). Polypeptides encoded by these polynucleotides, other polynucleotides that encode these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention.

**[143]** In additional specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the sequences delineated in column 6 of Table 1C, and the polynucleotide sequence of SEQ ID NO:X (e.g., as defined in Table 1C, column 2) or fragments or variants thereof. Polypeptides encoded by these polynucleotides, other polynucleotides that encode these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention.

**[144]** In additional specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the sequences delineated in column 6 of Table 1C which correspond to the same Clone ID NO:Z (see Table 1C, column 1), and the polynucleotide sequence of SEQ ID NO:X (e.g., as defined in Table 1A, 1B, or 1C) or fragments or variants thereof. In preferred embodiments, the delineated sequence(s) and polynucleotide sequence of SEQ ID NO:X correspond to the same Clone ID NO:Z. Polypeptides encoded by these polynucleotides, other polynucleotides that encode these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention.



[145] In further specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, one, two, three, four, five, six, seven, eight, nine, ten, or more of the sequences delineated in the same row of column 6 of Table 1C, and the polynucleotide sequence of SEQ ID NO:X (e.g., as defined in Table 1A, 1B, or 1C) or fragments or variants thereof. In preferred embodiments, the delineated sequence(s) and polynucleotide sequence of SEQ ID NO:X correspond to the same row of column 6 of Table 1C. Polypeptides encoded by these polynucleotides, other polynucleotides that encode these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention.

[146] In additional specific embodiments, polynucleotides of the invention comprise, or alternatively consist of a polynucleotide sequence in which the 3' 10 polynucleotides of one of the sequences delineated in column 6 of Table 1C and the 5' 10 polynucleotides of the sequence of SEQ ID NO:X are directly contiguous. Nucleic acids which hybridize to the complement of these 20 contiguous polynucleotides under stringent hybridization conditions or alternatively, under lower stringency conditions, are also encompassed by the invention. Polypeptides encoded by these polynucleotides and/or nucleic acids, other polynucleotides and/or nucleic acids that encode these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides, nucleic acids, and polypeptides are also encompassed by the invention.

[147] In additional specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, a polynucleotide sequence in which the 3' 10 polynucleotides of one of the sequences delineated in column 6 of Table 1C and the 5' 10 polynucleotides of a fragment or variant of the sequence of SEQ ID NO:X are directly contiguous. Nucleic acids which hybridize to the complement of these 20 contiguous polynucleotides under stringent hybridization conditions or alternatively, under lower stringency conditions, are also encompassed by the invention. Polypeptides encoded by these polynucleotides and/or nucleic acids, other polynucleotides and/or nucleic acids encoding these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides, nucleic acids, and polypeptides are also encompassed by the invention.

[148] In specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, a polynucleotide sequence in which the 3' 10 polynucleotides of the sequence of SEQ ID NO:X and the 5' 10 polynucleotides of the sequence of one of the

sequences delineated in column 6 of Table 1C are directly contiguous. Nucleic acids which hybridize to the complement of these 20 contiguous polynucleotides under stringent hybridization conditions or alternatively, under lower stringency conditions, are also encompassed by the invention. Polypeptides encoded by these polynucleotides and/or nucleic acids, other polynucleotides and/or nucleic acids encoding these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides, nucleic acids, and polypeptides are also encompassed by the invention.

[149] In specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, a polynucleotide sequence in which the 3' 10 polynucleotides of a fragment or variant of the sequence of SEQ ID NO:X and the 5' 10 polynucleotides of the sequence of one of the sequences delineated in column 6 of Table 1C are directly contiguous. Nucleic acids which hybridize to the complement of these 20 contiguous polynucleotides under stringent hybridization conditions or alternatively, under lower stringency conditions, are also encompassed by the invention. Polypeptides encoded by these polynucleotides and/or nucleic acids, other polynucleotides and/or nucleic acids encoding these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides, nucleic acids, and polypeptides, are also encompassed by the invention.

[150] In further specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, a polynucleotide sequence in which the 3' 10 polynucleotides of one of the sequences delineated in column 6 of Table 1C and the 5' 10 polynucleotides of another sequence in column 6 are directly contiguous. Nucleic acids which hybridize to the complement of these 20 contiguous polynucleotides under stringent hybridization conditions or alternatively, under lower stringency conditions, are also encompassed by the invention. Polypeptides encoded by these polynucleotides and/or nucleic acids, other polynucleotides and/or nucleic acids encoding these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides, nucleic acids, and polypeptides are also encompassed by the invention.

[151] In specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, a polynucleotide sequence in which the 3' 10 polynucleotides of one of the sequences delineated in column 6 of Table 1C and the 5' 10 polynucleotides of

another sequence in column 6 corresponding to the same Clone ID NO:Z (see Table 1C, column 1) are directly contiguous. Nucleic acids which hybridize to the complement of these 20 lower stringency conditions, are also encompassed by the invention. Polypeptides encoded by these polynucleotides and/or nucleic acids, other polynucleotides and/or nucleic acids encoding these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides, nucleic acids, and polypeptides are also encompassed by the invention.

[152] In specific embodiments, polynucleotides of the invention comprise, or alternatively consist of, a polynucleotide sequence in which the 3' 10 polynucleotides of one sequence in column 6 corresponding to the same contig sequence identifier SEQ ID NO:X (see Table 1C, column 2) are directly contiguous. Nucleic acids which hybridize to the complement of these 20 contiguous polynucleotides under stringent hybridization conditions or alternatively, under lower stringency conditions, are also encompassed by the invention. Polypeptides encoded by these polynucleotides and/or nucleic acids, other polynucleotides and/or nucleic acids encoding these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides, nucleic acids, and polypeptides are also encompassed by the invention.

[153] In specific embodiments, polynucleotides of the invention comprise, or alternatively consist of a polynucleotide sequence in which the 3' 10 polynucleotides of one of the sequences delineated in column 6 of Table 1C and the 5' 10 polynucleotides of another sequence in column 6 corresponding to the same row are directly contiguous. In preferred embodiments, the 3' 10 polynucleotides of one of the sequences delineated in column 6 of Table 1C is directly contiguous with the 5' 10 polynucleotides of the next sequential exon delineated in Table 1C, column 6. Nucleic acids which hybridize to the complement of these 20 contiguous polynucleotides under stringent hybridization conditions or alternatively, under lower stringency conditions, are also encompassed by the invention. Polypeptides encoded by these polynucleotides and/or nucleic acids, other polynucleotides and/or nucleic acids encoding these polypeptides, and antibodies that bind these polypeptides are also encompassed by the invention. Additionally, fragments and variants of the above-described polynucleotides, nucleic acids, and polypeptides are also encompassed by the invention.

[154] Many polynucleotide sequences, such as EST sequences, are publicly available and accessible through sequence databases and may have been publicly available prior to conception of the present invention. Preferably, such related polynucleotides are specifically excluded from the scope of the present invention. Accordingly, for each contig sequence (SEQ ID NO:X) listed in the fifth column of Table 1A and/or the fourth column of Table 1B, preferably excluded are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 and the final nucleotide minus 15 of SEQ ID NO:X, b is an integer of 15 to the final nucleotide of SEQ ID NO:X, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:X, and where b is greater than or equal to a + 14. More specifically, preferably excluded are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a and b are integers as defined in columns 4 and 5, respectively, of Table 3. In specific embodiments, the polynucleotides of the invention do not consist of at least one, two, three, four, five, ten, or more of the specific polynucleotide sequences referenced by the Genbank Accession No. as disclosed in column 6 of Table 3 (including for example, published sequence in connection with a particular BAC clone). In further embodiments, preferably excluded from the invention are the specific polynucleotide sequence(s) contained in the clones corresponding to at least one, two, three, four, five, ten, or more of the available material having the accession numbers identified in the sixth column of this Table (including for example, the actual sequence contained in an identified BAC clone). In no way is this listing meant to encompass all of the sequences which may be excluded by the general formula, it is just a representative example. All references available through these accessions are hereby incorporated by reference in their entirety.

**TABLE 3**

Clone ID NO: Z	SEQ ID NO: X	Contig ID:	EST Disclaimer		Accession #'s
			Range of a	Range of b	
H2CBD20	11	570796	1 - 1242	15 - 1256	AA307235, AI002535, and AL110292.
H2CBH91	12	826669	1 - 1746	15 - 1760	AW513036, AA987293, AA514234, AA527326, AI042506, AA307523, BF434189, AW027392, AI830125, AI082564, BE465081, BE930938, AW137220, BE207383, AA595583, AW592017, AW149821, AI080114, AW407521, AA515071, AW954673, BF978370, AW972013, AI702884, AA699914, BF308679, AA664812,

					AA057192, H30341, AA810167, BE298153, H19982, BE934692, AA010016, H30276, Z28643, W96528, BF746707, AA916894, AI565193, BE694224, BF025844, BE409534, BE091031, W96424, AA057126, AA629693, BE302462, AK000364, AF260012, AF260012, and AF260012.
H2LBA54	13	684290	1 - 1515	15 - 1529	AL533221, AU118215, AW967448, BE858694, W05793, BE881068, BE785689, AV722687, AW511394, AW854145, AU127733, BF679080, AI831755, AW162644, AW854285, AW299694, BG259735, AU136457, AI929569, AA316000, AI815769, BG024726, BE091033, BG027272, AI990740, AW854276, BF765904, BE379291, AI908478, C18225, AW161087, AA773846, AI653140, AU126756, BE090921, AI814482, AI654046, AW466987, AU144842, BF939610, BF060669, AI582346, AI434826, AI924047, AW295587, AW439794, AU156733, BF001735, AI804186, AW673465, AW006893, R75961, AI420472, AA251276, AI561045, AA804539, BF003083, AU150205, AW675786, AI017430, AI278043, BE087891, AI815392, AW362310, AI275554, AA237041, AW139772, AW006914, AW194004, AI248944, AI921939, AI160403, AW519320, AI246300, AI802110, AI954701, R39810, AW971515, N95381, AI695795, AI016984, AA629602, BF037404, R14042, R24731, R24431, AA808210, AW516604, AW177131, AW362546, T98372, AI203144, AI420225, AI242952, BE778569, AA321616, AA441948, AA247315, BF807374, R45462, BE931172, AW768315, T63304, BE547877, AW993858, T63056, AW134916, R24432, T98373, AA329617, N75057, AA886625, Y11588, AK001899, AL022067, AL138917, AL133509, and AX008043.
H2LBB09	14	658667	1 - 2100	15 - 2114	AW967455, BF792989, BE897386, BE897270, BE896034, BG110036, BE644929, BE892971, BF216672, BE537789, BF967796, AI524819, BF967358, AW392948, BE614067, AW025437, BE889901, BF213522, AI147405, W56394, AI471511, AI628532, AI701894, BF240675, BF102752, AI554184, AI680087, BE614548, BF215162, AI093424, BF029938, AI393786, AW028721, AA583021, AI830475, AA768782, BE466503, AW957941, AA631201, AI768164, AW380434, AI800211, BF102559, AA582924, AW338354, AA233633, AI174427, AA251178, BE540900, AI224000, AI127578, W37364, AW474864, AI569643, BF031354, AA587688, W37343, AI936371, AW769226, H79089, BF681005, AI867157, R20279, AA167027, AW183118, AA307144, AI682744, AW391600, BE568318, AA316064, W04717, AA885916, AA308645, AA594136, H72619, BE242068, AI633349, T15899, AI908564, AW275540,

					AA813805, AA167078, AI394083, AA233790, AV736699, W31819, T10866, H72620, AI282782, R41820, AW338355, H79090, BF592065, BE965919, AW957390, AA764944, AA577124, T03642, R43618, AA593183, AA371318, D59359, AA643994, BF879233, BE932872, BE042421, BF797086, AA251076, AK000796, AX048110, AF151044, and AC015863.
H2LBB09	15	830636	1 - 2144	15 - 2158	AW967455, BF792989, BE897386, BE897270, BE896034, BF967358, BG110036, BE889901, BE644929, BE892971, BF216672, BE537789, BF967796, AW392948, AI524819, BE614067, AW025437, BF213522, BF029938, AI147405, W56394, AI471511, AI628532, AI701894, BF102752, BF240675, AI554184, AI680087, BE614548, AI093424, BF215162, AA251178, AI393786, AW028721, AA583021, BE540900, AI830475, AA768782, BE466503, AW957941, AA631201, AI768164, BF031354, AW380434, BE568318, AI800211, BF102559, AA582924, AA233633, AW338354, AI174427, AA307144, AI224000, AI127578, W37364, AW474864, AI569643, H72619, AA587688, W37343, AI936371, AW769226, H79089, BF681005, R20279, AI867157, AA167027, AW183118, AI682744, AW391600, W04717, AA316064, AA885916, AA308645, AA594136, AV736699, BE242068, AI633349, T15899, AI908564, AW275540, AA813805, AW957390, AI394083, AA233790, AA167078, W31819, T10866, H72620, AI282782, R41820, AW338355, H79090, BF592065, BE965919, AA371318, AA764944, AA577124, T03642, R43618, AA593183, D59359, AA643994, BF879233, BE932872, BE042421, BF797086, AA251076, BE122895, AK000796, AX048110, AF151044, and AC015863.
H2MAC63	16	610045	1 - 429	15 - 443	AW954697, BF510229, AI608952, AI963459, AW182396, AI223046, AA627631, AA308164, AA121095, W67308, W67212, AA535549, AI916825, AI040648, AW196453, BE908394, AI807794, AA122350, AW517665, AA150593, AA992215, AI598010, AA316458, BF507914, BE140848, BE140845, BF915208, BE885353, BE963838, BE613727, BG109270, BE393551, BE965432, BF753053, AW983824, AW023590, BE875407, BF814409, AI251830, AW083804, AA641818, AI538885, BF909758, BE964497, AW059828, BG035988, AW263569, BE966011, AI340603, AW194014, AI345253, BG111535, AI310575, AI340627, BF337590, BF035653, AA420722, BE965067, AI564716, AW082040, AA888196, AI310606, BE964767, AI340533, AI370392, AI348854, AI491904, AI340511, BE011885, AI289791, AW022682, AW022102, AW950220, AW167397,

				<p>AL080046, AL080045, AI539711, AA767122, AV702430, BF882334, W28979, BE875959, H41759, AV682496, AI624304, AI619781, AI251221, AI866608, BE964700, BG179295, AI918634, AA514684, BG025770, BE743507, AW162071, AI866002, BE966388, AI343091, AI636719, AA738104, AI312428, AW827103, BF814360, AI867042, BE965355, AA579232, AL119836, BG168549, BE963918, BF910810, AW020095, AW168425, BF038804, AI224992, BE965621, AW082623, AW235028, BF814357, AL514803, AI696626, AI952360, AA635382, AI336495, AI345677, BF798503, AI310582, AI524526, BF904194, N22276, AW162189, AA768119, AV736808, BF815196, AI345737, AI361701, BE047952, BE245461, AL120854, AI612843, BE965599, AI589993, AI345736, AI366992, AV757546, AI860897, AI591074, AA494167, BE892572, AV682109, AV746964, AI307736, AV655280, BE965192, AA847198, AW102785, AW834325, AI349186, AL041229, AI611743, AI590761, BE964665, AI540633, AI590645, AI345745, AI336634, AV681857, AV682351, BE621256, AV717730, AI334895, AI932970, BE548914, BG026428, BE967016, BE538466, BF924882, BE904851, AV682624, BE885490, AI640379, BE965758, AW151451, AV693527, AI784233, AV681716, AI799199, BF921092, BG058039, BF525838, W48671, AV707816, BE967113, AV682584, BE962903, AL049085, BE964281, BE965281, BF924897, AI440091, BE965527, AI891157, BG179438, AW409772, BE963824, BE909285, AI623736, BG033267, AV758017, AI452857, AV685966, AI683714, AI348897, AW020710, AI917959, AI469119, AW083572, AI284509, BE906419, BE881429, BE139128, AA579225, AV682441, AI285431, AV713908, AV713988, BG168185, BG166654, BF752252, BE738055, AW192226, AA837508, BF815930, AI133489, AL519188, BF816455, BF811780, BF910849, AW088134, AI470717, BG259675, AI580240, AI696956, AI874351, AW827206, AI494201, AI609059, AI874410, AI352535, AF086255, AL157482, AF188698, AK026522, AL137656, U78525, AF242525, AF130077, AF087943, Y13350, AF110640, AL137558, AL389939, AF305835, AK026542, AL122050, AL389978, I48978, AF116610, U58996, U30290, AK026504, AF119856, A90832, A08913, AL389935, AK025084, A08912, AF113699, A08911, AL049283, AF111847, AR011880, I89947, M30514, AF130099, A93016, S76508, Y10655, U83980, AK026353, AL122121, AB049892, AL050024, I03321, AL137550, S78214, A08910, AL137283, A08909, AF130055, AL122098, I89931, AF175903, S36676, AF141289, U00686, I66342,</p>
--	--	--	--	--

					<p>AF040751, AF178432, S77771, AB019565, AF113694, AR087170, A08907, A08908, AF116644, AK000212, AK025349, AL137554, AF217982, AR068466, AF266204, AF207829, AL080060, L13297, AX014095, AK026784, AR038854, U75932, AF119878, AK026583, AK026045, AL049314, AK025491, AR059958, E01573, E02319, AK026533, AB031064, AK026086, AL137557, AR075044, AF069506, AF118090, AF119909, AL117583, AX045627, I17767, AF094480, AF207751, AF130087, AK025015, E08631, AB052200, AK026434, AL390154, AL353952, Y07905, AJ245569, AF113013, I29004, AL390167, E03348, AF113689, AK026480, AF218014, AK026630, AL080234, AB050431, AF090900, AL353956, AL050092, AL080163, U72620, AX019230, AF271350, S61953, A18777, AB047615, AL162006, AX015425, AK025798, AK026603, AF000301, AB051158, AL162085, L04504, I89934, AF130104, AF090934, AF100931, AF118064, AL109672, AF111851, Z30970, U95114, E07108, AF267849, S68736, AL117435, AL110222, AL137548, AX019229, A08916, I08319, AF116698, AK026647, AL136884, M79462, AB041801, AR009628, AB050534, AK025414, AK024538, AF116649, AK026927, AK025772, X06146, AL136842, AL353935, AL117432, A21101, AL110225, E12747, AL110159, AR050959, AK000652, AL137429, AL137555, AK027116, AF132205, AF218031, AK025391, X99257, AL110196, A83556, D89079, X70685, X80340, AX005848, AX005804, AL050280, AK027146, AL117585, Y09972, AK025312, AK026452, AK000618, AF125948, AF113676, AB049758, AX006092, E12580, AL110228, AL080137, X73361, AL080129, AJ012755, AL110280, AL122123, X57961, AK000486, AF116682, AL137463, AK026649, AK026865, AK024524, AL359941, AK027102, AB050407, AF090943, AF028823, AL117438, AF225424, AF076633, AB050421, AR083279, AK000285, X59812, U68233, AF132730, I92592, AF116602, AF219137, AK024855, AK027188, AF058921, E12579, S69407, AL353940, AL050138, E01614, E13364, AL137480, AF260436, AK026608, D55641, AF100781, AF116688, AC019122, AC019122, and AC019122.</p>
H2MBA76	17	826161	1 - 1301	15 - 1315	<p>BE274365, BE675910, AW973401, AA523268, AA857324, AA599254, AA948681, AU150254, AI362652, AA314840, AI309067, AA622903, AI560750, AI184674, AA552940, AA857000, AW073749, AA828342, R06650, D61287, AI695465, AI655714, AI149910, AA398691, AA856657,</p>



					<p>AI263841, AA469105, AI445784, T99337, AW339418, BF699041, BF804254, T99336, AI948866, AA613108, AA886221, AA426486, BE825959, AW152182, AL514455, AW193530, AL523067, BF525423, AI633125, AI469112, BF669151, AI583065, AL515299, AI538564, AL514493, AI701097, AW090550, AI241744, AI719817, AI677796, AI591387, AI432030, AI633000, BF811804, AI338876, BF970652, AI702073, BF752997, AW105591, AI445025, BG122005, AA815283, AI570909, AI579901, AL513947, BE966550, BE965805, AA835801, BG120398, AI635016, AW008226, AI357940, AI364167, BF724894, AI500714, AW087207, AI884318, AA019328, AI670009, AW081322, AI499570, BF929585, BF215638, AI476478, BG181066, AW149329, AI419826, BF812961, AI627893, AI590043, AI587114, AI075885, AI564719, AW075667, AI420136, AI366900, AI915291, AW104724, AI612852, AI524677, AW149311, AI433157, AW104827, AI866419, AI744268, AI610690, AI499131, AI909697, AL513807, AI469532, AL514731, AI812107, AI638644, AL515195, AW148408, AW083572, AW198090, AW129722, AI362248, AW073270, AL514951, AL514701, AI951868, AL514867, AI567128, AI863241, AI370623, AI921464, AW190194, AI584130, AI687362, AW192701, BE967261, AL530683, AI434969, BE964070, AW168452, AW191844, AI912356, AL514511, AW148882, BE965171, AI568293, AL514357, AI866801, AL514063, AI627988, AW075381, AW167228, AI619662, AI698391, AI567846, AL515413, AI374987, AL513577, N21402, AI445829, AW087866, AI889189, AI340982, AI423631, AL514079, AI866469, AW148363, AI934259, AW073865, AI453229, AW080090, BF812938, AW004606, AL137265, AK001412, AB028975, AL117632, AX015915, AF061981, X68560, AL080159, AL117636, S82852, AL117587, AL117439, AK027052, AF161413, X99971, AK027209, L25851, I33984, A31001, AK026746, I89947, AC020997, AC020997, AC020997, AP001822, and AP001822.</p>
H2MBF60	18	695714	1 - 1160	15 - 1174	<p>BG023808, AI609002, AI765146, AI934506, BG117624, BE780571, BG164482, BG164276, BE882192, AI609267, AI872127, BG028131, AI498150, BF965743, BE538269, AW954707, BF980450, BE890012, BE870774, AA721085, BE904299, BF576903, AW168215, AA308443, BF105118, BE855700, AI831702, BF686036, BF791326, BE888487, AV717548, AV695133, AV691835, AV684243, AW079359, AW474204, BE885497, BE909376, AW138745, AA420537, AA421698, BF308327, BF239451, BG027210, AA743523,</p>

					<p>AV697323, AA975238, BF977250, AI025231, AV694963, AI858375, BE910029, AV690712, AI192924, AI445040, AA676627, H11339, AI493772, BF986381, AA743896, AI879614, BF911752, BF983076, BE567632, BF762958, BF673394, AA287821, BF672123, W51863, AA029766, AI341739, AA166707, AI969855, AA030022, BF725982, AI338073, AL525008, AL521603, AA186668, BF911753, AI805486, AA167048, BF572123, BF913792, AI879232, AW183315, AV694027, BF911747, BF913755, AW072606, N39515, AL525294, AA243684, AA403246, AA137070, AA255929, AI810281, BF911751, N71430, BF669242, AA137142, BF911749, BF913788, AA243818, N59765, H11363, H27053, AW795858, AA626755, AW795864, AA745368, BF911620, BG032858, AW795863, BF878974, H37884, BF762056, AW192501, AA256024, AI274818, AA977876, AA677299, BF693534, H81642, BF512969, T08172, R97471, R97425, AA723528, AA181113, H78109, H94246, AV739228, W04983, BF764866, AA376279, AA807382, AV740754, BF913794, BF911618, AA204916, N78226, BE049573, AA173160, N30090, H89986, BF664913, BE813621, W49569, N99383, H60118, W01605, AW273157, AA053385, AA188287, AV753725, H94147, BF061494, H78110, H59462, H90077, R15884, BG252797, AI560597, H37830, T34451, T30436, AI024763, T34431, N71297, T36197, H81643, AI216888, BF918046, T30865, N24453, BE169077, R09330, AA128964, AA128965, Z21437, BF941000, BF032773, R09219, BE538039, AA095209, AW080571, AI537729, AA321648, N95197, AA877372, BF823265, AA496192, AW605237, N45338, AA748536, BF917501, W49568, AI362283, BF244599, BF911744, AA913904, BG035184, AI146946, AW083156, AA046950, N40879, AW793164, AW793122, AW754493, N56000, N87795, AW754497, AA994869, AA305075, AA447922, AA031331, AW955472, AV756946, AV758524, BF576620, AA742714, BE737339, BE879122, BE270829, BE561457, BF132919, AA446846, BF105823, BE076978, I23471, U21858, U30504, U25112, AF220509, AF077053, U40188, AL049589, AC024247, AF110777, AF151895, AC015470, and AC015470.</p>
H6BSM88	19	609832	1 - 902	15 - 916	<p>AW978875, AW003297, AL041243, AI073978, AA834995, AW977360, AW139781, AI126591, AA768506, N35124, AI082037, AW058163, AW073260, AW590380, BF445405, AW196376, AI970380, AW512288, AI359480, AA970987, AI264055, AA635579, BE567336, AI567903, AA416740, AA736698, AI889005, AI625277,</p>

					AV657838, AI220592, AI768784, AW190903, BE865908, AA847916, AL042521, AA847917, BE244040, BE244353, AL355520, AL137687, AL355520, AL355520, and AL355520.
H6EEA48	20	847111	1 - 1214	15 - 1228	BE729574, AL525054, BE734296, BE549234, BE612600, BE903604, BE745405, BE311981, BE613340, BE899322, BE877226, BE742508, BE379419, BF033662, AI079540, BF339777, BG164618, AW301090, BE788807, BE909447, BF792659, BE747302, BE782991, BE746235, BF686415, BE259564, BG116654, AW245743, AL110467, BE265746, BE382926, BG167167, AI870747, BF316896, AI435074, AI810818, BG249818, AA426021, AI675429, AA443445, AI380916, AW016054, BE254649, BE266690, BF939243, AW197499, AI968701, AI917395, AI085552, AW015418, AI803701, AI627419, AI609029, AA054185, AI243526, BF448768, H68793, AI813835, BE780379, AW271667, BF350582, AA418059, AA838309, N36450, AI184105, H06674, AW245387, N51652, W00635, AA852859, AA428116, AA505926, AI350611, T71376, AI074877, AI813850, H82530, H86659, AI609552, AA993193, H68794, BE829913, AA836943, AA852860, AA557951, BF928087, BF130572, AI499309, BE840422, BE890771, AI623897, R96119, AI867284, AW630507, AW002546, H96259, AA814467, AA443541, AA417955, T71246, F37450, C02248, AA983883, AA746607, AI922550, BF904189, AL119791, BE895765, AW020397, AW089233, AI802654, AW084447, BF342070, BG151388, AW087199, AC011479, AF061943, AX015425, M27260, AF141289, AF067790, AF119857, AL049464, AL442082, AF104032, AF151076, AF225424, AF111851, AR059958, AF116602, I66342, I89947, I48978, AF022813, A08913, AR011880, AF218004, X70685, AF120268, A08916, AF219137, AF113019, AF130099, AF061573, X72387, AX014095, AL080126, AL389935, AF130059, AR079032, AK026583, M30514, AK027146, AK027142, AL137550, AF260566, AL359615, AL117435, A08910, AB049848, AL110171, Y10655, A18777, A08909, AL122111, AK024538, AL161953, E07108, AF200416, AF003737, AF159141, Z82022, AK025209, E06743, I17767, AB038698, A90832, AL137558, AK026542, AL035458, AL110225, AL137656, AF057300, AF057299, I89931, AL137557, AL133093, AK027200, AK025084, A08912, AX027129, X72889, AK026462, AR087170, AL080159, AF017437, AB050510, AX005848, AX005804, AJ012755, AL137479, AF266204, AR038854, AK026629, AF026008, Y16258, Y16257, E02756, Y16256, A08908, U58996,

					<p>AF130087, S76508, I89934, AL133014, A27171, U75932, AF116644, AX046603, AB048953, AF218014, AF166267, AX019230, AX011676, AF155221, U68387, AF208026, U51587, AF012536, AL122049, L31396, A07588, AB048964, I26207, Z72491, AL133557, S77771, AL133031, AK024546, AL110159, AK026534, AK026353, AF130104, AK027116, AF110329, X82434, S36676, AL050024, AK000432, AL390154, AK026522, AF119859, AL162006, AK026855, AL157480, AL137554, Y09972, AX019229, AF218034, AF155148, S61953, AF116688, AK024545, AB047897, AK027182, L31397, AK025573, AL133075, AF058921, AF111847, AK025484, AL353956, AL122118, AF085809, AR034830, I96214, E01573, E02319, I41145, AL137283, U67958, AK000212, AB048974, AK025015, AF130082, AF183393, S83440, U49434, AL389951, AL117394, AL137705, AK024622, AX046716, AF130066, X76228, AK027081, I33392, X79812, AK026597, AK026164, AJ301634, AF119860, AL050108, AK027164, AL080162, AL162062, AF130075, AF119856, AF146568, A52563, AF115410, AF116631, AK026591, Y10080, I48979, AK024594, AL137556, AF118064, AL162008, A65341, AF118070, AK026518, AF069506, E02349, AB047941, AF116650, AB050421, AF031147, AL133098, AF130105, AF111849, AK025431, AK025349, AL117585, AL122098, AL359601, AF090886, AF188698, AL122045, X99717, AL157431, AL353940, AL137658, AL050092, AF130110, AR034821, AL133565, E15569, I29004, AF262032, I89944, AL137276, I80064, AF230496, AX040958, AL050277, AF116639, AB051158, X06146, AF116610, AF051325, AF113699, AC011479, and AC011479.</p>
H6EEN71	21	829201	1 - 1946	15 - 1960	<p>BE535360, AW953450, BF032572, AL521004, BF527884, AA149520, BE744109, AI417424, BE543948, BF032893, AV684552, AI569685, BE747222, AI922421, AA622224, BG116680, W68071, BG121446, BE392338, BF528885, BF339726, BE910461, BE883558, H24144, BE390757, BE246869, BF315266, BF345863, BE262861, R14904, BE247781, H05924, T08541, T23797, AA368416, BF836387, H81736, AA425537, BF237631, AW294782, AA642024, F10308, R11730, H83454, Z46092, BF033847, H13023, BE545514, R70146, AI422697, AW953617, F09010, AI671120, H11478, AI745582, T74716, AI005017, AW009380, R44067, F12699, BE693654, R05325, BF339133, AA029578, AA092192, F09031, AI150799, AW073919, AI369404, F09019, AI801049, N50570, AA648980, AA713582, AI803677, AA694219, AA029577, AI814086, BE326641,</p>

					AA541284, AI738901, AA928936, AI694573, AA173242, W67448, F11350, AI797162, F11359, AA713581, BF342752, R17704, AI291547, AI741230, AA194160, BF957498, BE843313, AI091925, BE245474, AI341892, AI041721, AI307379, AI525698, R44483, AA194159, AI214559, AI762371, AI917270, AA252503, AA808197, AI086717, AI090572, N50514, AI299732, AI355254, AA234123, Z45009, BE465618, AA082966, AI554197, AI609031, AA610518, W21928, AW024148, AA680375, AI745251, BE772716, BE222724, AA705556, AA469977, N32613, BG236070, W04615, AW972216, AI479398, AI452914, AW008593, AI419378, Z41067, AI040283, AI863080, AI372943, BF685860, F11369, BF513516, H11834, R70147, AA412246, AW079864, AW051983, F07993, AA860793, AW055051, AA133127, H81737, AI741689, AA076524, AA765088, AA715290, AA666334, R19219, Z40830, BF957495, AA669212, R18953, H11844, N47836, AA492102, R05268, BG152316, R38230, AI866756, AA365365, BF345780, AA074088, W31514, R38229, AI823370, AA252419, AW189682, AA234509, W20399, AI475068, AI830848, AI568520, BE764077, AA173132, BE218668, AA076440, H61132, AA769282, AI472740, AA908562, AA357702, AI934410, AL527873, BE391606, AI685017, BE719710, W35176, AI220997, AW510500, AA910726, AI084298, BE547596, H30065, AL528398, AI080266, AI648523, BE962725, AB013818, and AF060502.
H6EEO05	22	865424	1 - 1411	15 - 1425	AA702164, AA001233, BF736596, BF306026, AW976026, N58476, AI921716, AI922691, AW341468, W52817, AU149400, AU149229, BE207816, AA983287, AI688164, AA748673, AI798829, AA676905, AW769397, BF431049, T03435, AA580477, AW261835, AW020522, AA031269, AU146658, AA811284, AI470013, AL516603, AA553821, AW468092, AU155046, N31376, BE301482, AW473322, AI040689, AA203586, W67599, R69536, AI369176, AI223241, AA954674, N78065, AI081505, AI184844, BG119995, AI084955, AA634485, AI858188, N24082, AI240972, AA227367, AI220515, W67600, AI207036, AI278789, H95812, H72498, AI016960, AI206577, AW016403, AF202355, AA989138, R87799, AA889751, AI079252, AA235634, AI862906, AI129076, BE871844, AW953096, AA995470, AA864442, D29420, AW089244, AW264543, AW996210, R13771, BG105546, AA665921, AI308113, BF758203, T57104, N55702, AA918086, R87736, H72897, AA814465, AA932962, AA634537, BE313440, BF816643, AA775542, AW627925, AI735374, AI240618, AA907067, AI023689, BF970142, AA747793, AI648677,

					<p>R09214, AI581401, AW085844, R14023, AA917754, F13715, BE313783, T57172, T90491, R41944, AA037879, AA037880, R09324, N54187, AA716132, R67168, BF929243, T90587, H14086, AA032267, AV750765, AA032200, AA031394, AI921060, BG027456, AI022147, AA250785, N93684, BE171774, AA487552, AA069357, T32756, AW274651, AI932548, AA411123, AI687158, AA001647, BF205711, AI952780, AA699517, AW300854, BF766147, AW238250, AW084173, BF821897, AI201668, AL117423, AK022697, Y17711, AK023318, AL031984, AC006460, AC000353, AL157818, AC005053, AP000345, AC005209, AP000344, AK026603, AL158196, AC009286, AF111168, AC002430, AC007384, AP000030, AC020916, AC009032, AL136979, AL035407, AC010789, AL080239, AP001761, AC066585, AL391122, AC011490, AC069247, AP001670, AC026199, AP000304, AC006581, AC008812, AC007383, AC005522, AL132653, AL034405, AL049636, AC009890, AC006313, AC004846, AC007656, AC006115, AF243527, AL139099, AC006013, AC009953, AL035405, AP000355, AL109827, AF109907, AC006344, AC000052, U91326, AC002544, AC006561, AL138976, AL161778, AC004019, AP000115, AL121916, AF003626, AC018663, AL034400, AL121753, AC010522, AL445220, AL121928, AC004690, AL359382, AC073316, AF196970, AC010605, AC008736, AL035072, AL049553, AL353802, AC005736, AC009756, U47924, AC011470, AL049843, AL354720, AC008014, AC006139, AC020904, AL133320, AL161757, AL162615, AC024561, AL022316, AC005480, AL022165, U91322, AL355365, AC010072, AC004883, AC004797, AL121997, AC006046, AL033529, AC009060, AL031295, AP001710, AL109952, AC005519, AL035587, AC008537, AL133173, AF307337, AF275948, AC007001, AL133243, AC008379, AC004965, AL354993, AC005844, AC007620, AP000045, AC004971, AL157372, AC004383, AC007688, AL132713, AC004477, AL034417, AC000111, AL121586, AL136137, AL138836, AC011473, AP000350, AC005291, AL133286, AP001714, AP001717, AC008078, AL109939, AP000240, AL121601, AL049820, AL135744, AF001552, AL158206, AC002480, AC004974, AL049795, AC007907, AC004865, AC013434, AC018764, AC002395, and AA872759.</p>
H6EEU40	23	757048	1 - 937	15 - 951	<p>AL534759, AL521087, AL523775, AL518427, AL518354, AL517326, BE741563, BF569745, BF337372, BF570471, BF969174, BG032740, AL536265, BF026597, BE274743, BE546314,</p>

					AL522079, BE538554, AW960892, BE395781, BE465235, BG167967, BE275462, AI160737, BF804270, BE538514, AA653290, BG163271, AI341701, W94467, AW084148, AI634272, AI634641, AI266283, AI366893, AW409760, AW075307, BF223869, AA604286, AI262840, AA479733, AI985719, W94359, AI271832, AW439127, AI740653, AI500535, AI674680, AW245294, BF032823, BE350203, AI869835, R85540, BF437722, AI394604, AA825592, AW469385, R60570, AI620873, AW470050, AA788601, BE300983, R72347, N77923, AA939017, R72299, R87968, R85120, Z41206, T16501, AA482633, H40664, AA297447, AA081389, R85549, AA558602, AW175922, AA987713, AI628307, AI199953, BG056252, AI382799, AA968853, AA148651, AI289139, AI281228, AA298765, F09249, W94940, AI282067, AI262509, AI200241, AV735503, AI921784, AI628244, T32046, AA302912, AI417848, AI468747, AW055372, AA857797, AA244103, AI581120, AA679586, AI634273, AA694158, AA946762, AA608791, AI124016, H46898, W46963, AA584396, AI797302, AL518355, AL523776, H27881, AL518428, H84434, N99004, AI540357, D31570, BF765616, AA132303, AA814926, BE812370, AW404688, AL532367, AL534760, AA887999, AL530884, AL526404, BE937700, R46056, AL517327, AL536266, R40219, AW468110, H24286, AA522908, AI567331, H26975, T81176, AW369400, T80775, AI952287, AW797699, BE782422, AA872110, BE613072, AW269694, BE870596, AA490287, AI336931, BE937686, BE741460, BE937697, AI910098, AI583322, BE962616, BE932414, AL533205, AI905196, AL521088, AA479862, AK000120, AL096714, AF161381, AX012191, AX048093, AC023920, AC023920, AC026285, and AC026285.
H7TDB54	24	845956	1 - 215	15 - 229	
H7TMB95	25	597427	1 - 494	15 - 508	AL133381, AL133385, and AL133381.
HAAAT06	26	897933	1 - 1085	15 - 1099	BF718797, BF974159, AI188455, BF033060, AW960634, BF244139, AW131552, AI097214, AW770118, AI479963, AW009452, N31953, AW081547, AI335977, AI762159, N54405, AU147719, AW027335, BE762877, AA906378, AA844148, AI129620, AI138490, AW574571, AI129265, AA761562, AI034375, AI309628, AI051106, AA630084, AI032728, AI074132, AI471599, AI339926, AI189152, AA927339, AV710898, AI809033, AA808345, W45195, W56021, BF038798, AI369598, AW181953, AW959382, AA604051, AI301504, AA908734, AI243700, AA116133, AI302040, AI250836, T16006, AW166610, AA905111, AI061222, AI244792, AI025631, AA815302, AI040662, R47459,

					AL530913, N58286, AW468255, AU158189, AA358781, AA815303, AI244838, AI090355, AA449764, W79663, AI446423, T33500, AW771363, AW473577, AI866647, AA845385, Z42948, AA045487, AW374532, AW771413, AI042636, BF514249, AW374660, W81374, AU155575, AA782096, H20745, AI051438, AW589392, AW513929, D52633, T34695, N86776, T31905, AA553569, AW074694, AI609652, AA854272, AI911074, AA218662, AA595479, AI919036, BF341081, AI369954, AW627681, N90614, AA057344, AI860902, AI597712, AA853614, AA116132, AL079979, N56158, D60062, T11517, W22981, N88499, AA094034, AW087898, AI691125, AA282579, H30465, AW131456, W19151, N55949, N88847, Z39072, AA550945, AA036712, AA248097, N89101, BF826420, R45852, T33501, H25817, R58270, BE708597, AA095396, AA338758, AA853613, AA249082, AI917872, BF376677, AW078511, AW793656, BF109813, AV684924, AV684895, N53121, AV683742, R40110, AW877209, AL119399, AV698851, AL119457, AI077861, BE735899, AW793657, AL042544, AL119324, AA788640, BG222312, AL119319, AW381451, AW381449, AW861944, AW804686, AW392670, AW604723, AL119443, BE695785, AW858526, AW858525, BF868687, AI954721, BE705903, BE705906, AI648678, AX048079, AK023425, AK027232, Z14122, AX030435, AJ251859, AX046357, AR060234, AR066494, AB026436, AR069079, A81671, AJ279014, AR054110, and AK025738.
HACAD42	27	634372	1 - 976	15 - 990	BF345250, BF345193, N62815, AW005906, AI923688, AI056483, AI860283, AI360248, AI360301, AI201905, R88275, AW027590, AW000872, H14214, W01327, AI880096, R89051, Z41527, F03748, N78561, AV703086, AV709580, AV704785, AV727822, AV707401, AV727618, AV708786, AV725618, AV706223, AV651897, AV653353, AV652528, AV725582, AV729473, AV702164, AV726590, AV706407, AV728743, AV704626, AV709356, AV708520, AV728546, AV708872, AV726194, AV660258, AV701874, AV703632, AV701858, AV725031, AV725577, AV702781, AV661286, AV725991, AV703214, AV703168, AV709935, AV654035, AV709880, AV725255, AV704756, AV692972, AV691615, AV725617, AV685688, AV689800, AV687909, AV728997, AV706882, AV701183, AV727314, AV660096, AV706076, AV728715, AV707268,



09950083 091201

				AV693005, AV701704, AV702798, AV682997, AV725596, AV701873, AV703090, AV708991, AV704973, AV726628, AV686417, AV707171, AV726156, AV694871, AV729424, AV707420, AV727126, AV650367, AV702854, AV656240, AV706162, AV702783, AV702795, AV705024, AV701728, AV702354, AV729597, AV727103, AV725441, AV647692, AV706165, AV727459, AV729077, AV656283, AV727625, AV726703, AV707783, AV704144, AV706532, AV705655, AV709932, AV706104, AV729366, AV652001, AV707948, AV702817, AV707528, AV728404, AV706560, AV726559, AV707322, AV704580, AV703505, AV708815, AV727807, AV702954, AV727238, AV703012, AV645545, AV707510, AV725152, AV703213, AV654287, AV724987, AV705263, AV704217, AV651075, AV645778, AV705299, AV708087, AV709273, AV707088, AW821782, BE937585, AV706655, AV706724, AV709786, AV727032, AV646347, AV726337, AV687342, AV706527, AV701538, AV648619, AV726681, AV699153, AV702280, AV702728, AV725826, AV703417, AV709886, AW955629, AV707649, AV727337, AV726067, AV652156, AV702071, AV725321, AV708610, AV726830, AV709326, AV701496, AV701783, AV706012, AV703367, AV704974, AV707942, AV704116, AV650895, AV708720, AV706741, AV650873, AV725645, AV727355, AV706330, AV701611, AV703436, AV705014, AV707822, AV703927, AV705866, AV702851, AV702869, AV727139, AV728471, AV728436, AV655577, AV702800, AV705282, AV707794, AV699269, AV706133, AV726787, AV703862, AV706992, AV706874, AV709235, AV704592, AV655067, AV729076, AV701586, AV725369, AV707628, AW293270, AV702738, AV651503, AV703761, AV727029, AV727984, AV704611, AV707933, AV697880, AV728270, AV701879, AI525556, AV706453, AV709075, AV702637, AV706925, AV707556, AV701880, AV706089, AV705684, AV701669, AV706183, AV702163, AV705115, AV729555, AV702671, AV707589, AV725181, AV704916, AV706662, AV705267, AV703186, AV709549, AX020190, AR062871, A25909, AR088705, D78345, AR038855, Y16359,
--	--	--	--	--

095005660

				AX028305, U94592, AR091393, AR079804, A85395, A85476, AX026824, AX026823, AJ244005, AX009487, AX001322, AJ244004, AX021518, AX006816, AR062872, AR037157, AR062873, AR017907, AJ244003, AX001082, A20702, A20700, AX006825, AX006826, AX006822, A43189, A43188, AX042372, AX008555, A98767, A93963, A93964, AR038762, A98420, A98423, A98432, A98436, A98417, A98427, I63120, X81969, I44681, A86792, Y09813, AJ244007, X83865, I15717, A84772, I15718, A84776, A84773, A84775, A84774, AR054109, AX006821, AR067731, AR067732, AX035462, A58522, A91750, I08395, AR008429, M28262, A93016, I13349, E03627, AX011024, A18053, I08396, I48927, A60212, I18895, A60209, A60210, AR096545, A60211, D50010, AX032992, AX032993, AR031566, A90655, AX009712, AR073846, AX003207, A02712, I84553, I84554, A77094, A77095, AR080470, AR077142, A81878, I00682, AX033488, AX033489, AR069650, AX033490, A95051, AR095492, A18050, AX012337, A23334, A75888, I70384, AX033474, AX033486, I62368, AX006823, AX033487, A64973, A60111, A23633, AR007512, A35536, A35537, A11623, A11624, E00609, A58524, A02135, A02136, A04663, A04664, E13740, A11178, E01007, AX035980, A58523, A10361, I06859, AR043601, A11245, I03331, I49890, A92133, AR085082, AR085089, AR085091, AR085079, AR085083, AX032758, A02710, E12615, AX018504, AR035193, E14304, A91965, A07700, AX027811, AX027809, A13392, A13393, AR031488, I13521, I52048, A27396, AX027813, AX030369, AX030368, AR069374, AR027100, I44531, I28266, AR069375, AX042377, AR083151, AX027812, AX027810, AR091518, AX027816, AR072535, AX042375, AX027817, AX027818, AX027814, I21869, AX042373, I44516, AF149828, A70040, AJ270780, E16678, A82653, AR093385, E16636, A95117, AR074365, A24783, A24782, AR095490, AR095491, Z32836, AR093392, I01995, AR038066, I05558, I25027, AR069426, I26929, I44515, I26928, I26930, I26927, I08051, I60241, I60242, A20699, I66485, E00696, I66487, E00697, AB043473, AX001330, E03813, AX003206, AR093384, I66482, AR009151, I66483, I66484, AX004550, AX036660, AX036661, I66498, I66497, I66496, AR027099, I66486, AX023553, AX003194, AX027636, AX023548, AR072540, AX047064, AR093383, AJ230935, AX047063, AR051652, AR051651, A70872, AJ230902, X07299, I08389, AC016135, AC002518, AC022305,
--	--	--	--	--

HACBJ11	28	797625	1 - 3138	15 - 3152	and AC018512. AA420450, AI130749, BG179843, AI355229, BF350137, AI686397, BF222669, AI093506, AW137979, BF110535, BF738683, AI952162, W69611, AI373444, BF832735, AW873049, AW381035, BF222765, AA420875, AA024919, AW352261, AW968180, AW873059, AW292280, AI970885, BE673006, AA010665, BE710682, AA733090, AI081358, AA603008, AI971158, AA024803, BE717957, R54716, BE185894, BF876642, BF876669, BF876656, BF876641, BE717941, BF876644, BF349397, BF872782, BF222370, AA467838, BF876672, AI680652, AA493198, AA467895, AW352241, AI685459, BF872764, BE185704, AA010146, BF356891, AA467966, AW273015, AI814437, BF872790, BF872786, BF876646, BE876823, AA011255, AI270126, AA010145, BF876649, BF876650, R54715, H28757, BF872787, AI378979, AW002241, AI420735, AW996418, AW516791, AW873775, BF876654, H28781, BF876668, W27953, AW264732, BF876661, BF832743, BF826794, AW293568, AW452431, BG223237, AA009555, R48028, BE710685, D29259, BF918160, BG180369, R47920, AI090454, BF737271, AI672972, BF876017, AW366359, BG180004, AW366407, W69487, AW352238, BE706381, AW062961, BF876643, BE814259, BF155606, AA467965, AA588831, W22840, C00653, AA009556, BE181324, BE140445, BF349380, BE835641, AL514757, AL515043, AL515225, AL514773, AI922278, AL514829, AL515035, AW163834, AI114703, AL514885, AI478639, AV750565, AL514869, AI345416, AI345612, AI538085, AV657079, AI345415, AL038986, AW151136, BE879911, AW083778, BE905408, BG120493, AI541056, AI583065, BF306528, BG029053, AI445611, AI590043, AI184903, AW129264, AI863479, BE910373, AW983832, BE965169, AI888621, AI590830, AW149925, AI912434, AA479803, AI554821, AI817523, BG058398, BE784335, AI687291, AW827206, AL121564, AI473451, AI874261, BF751302, AL037582, AI249877, AL037602, AI281757, AI609069, T28421, AW021717, AV757956, AI687130, BE791620, AI969655, AL514939, AL514047, AW074374, BF924856, AL513961, AI499285, BF970652, AV703371, BE883285, BF724198, AI270295, BG112239, F37323, AI872423, AI670009, BF814453, AI890907, AW105459, AV726156, N81164, AI866469, AI682798, BE966496, AI868204, AI611810, AV723745, BG104819, BE965577, AV659072, AW409775, AI950892, AI819555, AI475270, BF972910, AI623941, AI431909, AW827150, AI678446, AI254814, AL041562, AI309306, AW166870, BG166687, BE541166, AI888208,
---------	----	--------	----------	-----------	--

				<p> AW192701, BE393551, AW983691,  AI241923, BG179993, AA830709, AI355779,  AI630928, AV656595, AI473536, AL040586,  AI890507, BF680133, AI648408, AI884318,  AI471282, AI582932, AI627893, AW983703,  AL037030, BF724894, AI613038, AL046595,  AW411235, AI561356, Z73678, Z98267,  Z34974, X79293, Z37975, AF090901,  AK026627, E05822, X89102, AK024622,  A65341, Z13966, AF267849, AK027217,  AC024247, AF090934, AL359615, AC004227,  I48978, AF039138, AF039137, AF115392,  AK027173, AL389935, AF230496, I89947,  AK027164, AR038854, AF100931,  AL133113, AL137292, AL137271, AF106657,  A65340, AC007383, AF314091, AL137429,  AF132730, AL137533, AF116614, A77033,  A77035, AF030513, AF090903, D83032,  AL137539, Z82022, AB050421, AC006313,  AL137550, AL133665, AL133258,  AK026542, AR013797, AK025435,  AK026532, AX026824, AX026823, A58524,  A58523, AK024594, I48979, A07588,  AF208850, AL133637, AL117460, AC004883,  AL080159, AL133640, AL080124, AR068753,  AF215669, AK027136, AL135933,  AK027116, A21103, A18777, X82434,  AX040389, AK024974, AX020124,  AL122100, AK025015, AB047904, U80742,  AL133619, AC006994, AF106862, AC004987,  AL133067, AF116688, AF130055, AB050410,  AK026659, AB048974, AK027204,  AB049880, AL133557, AL359601,  AB050431, AL133049, AL080163, AJ012755,  AR068751, AF130104, AL117648, AF183393,  S36676, A08913, AF158248, AC023880,  AB041801, AL137548, AF217982, AL359624,  AF113677, Y11254, AF065135, A76335,  AL133624, I92592, AR060156, A08912,  U73682, S68736, AL389982, A93016,  U75932, AK026784, AK025312, AF032666,  AF116631, AB047623, AL355103, AL353745,  A86558, AB024524, A03736, S76508,  AK026408, AF132205, AK000074,  AR072729, AK025798, AF116602, AF119843,  AF177767, AF182215, E12747, AC026431,  A15345, AF199027, AL122049, AK025414,  AL137711, AF262032, AF058921, AF274348,  AF274347, AL137547, AF185576, AL137488,  AF208026, AL137294, AL110280, AL162002,  AL157360, AL359941, AF113690, AF119899,  AR072149, AX017991, AL136979,  AF153205, E01314, S77771, AC006371,  A08910, X72889, I89931, A08909,  AK024545, L19437, AF119856, X66862,  AL049300, AF094480, AK025958, AF200464,  AF057300, AF057299, AK026947, AL137537,  AK026593, AF169154, AR087170, A08916,  AF042090, A08908, AK026528, AL389983,  AK000636, AK024747, AF119865, </p>
--	--	--	--	---

					AL049382, AL023657, AF210052, AK026649, AB047878, U49434, AF061981, AF116682, AJ299431, AL137463, AJ250403, AK024538, AF116691, AK026533, AF067728, AX042059, AF109906, AL008706, AL137478, E03671, AL162003, AL137560, X80340, AF116609, AK026746, AK027160, A93350, AF047716, AX010492, AF044323, AC009484, A52563, AL080126, AL137527, AF218006, AF102578, and I89934.
HACBS86	29	603946	1 - 1388	15 - 1402	AL535128, AW968744, BF672747, BF057551, BF435014, AW007137, AW245650, AA780279, BF030193, BF574567, BE300831, BF977868, AI793310, AW293287, N28662, BF670345, AA779678, BF115398, AI860715, AI338052, N21462, AI215736, AA193443, AI970590, BF215778, AW024993, BF195087, AI335708, AI801988, AA054377, AA625726, AI804150, AI494472, AI538741, AI554715, AI041171, N70796, W28545, AI681168, BF884295, AA625518, N30415, AL535129, N34010, AA843614, AA902129, AI539587, BF058806, AA054341, BF939805, N25178, AA740498, BF732371, AA837372, N36045, AA633263, BG013150, W26738, AI133235, AI167300, AW293926, Z39311, BF061065, W01430, AI873575, AA988171, AA578434, AA130043, AA928867, F06397, AW604448, AA887702, AA628170, T90232, F25847, AI161005, AA737275, R43958, R80116, F36933, AI500481, AW581013, BE814412, AW581011, AW580992, BG009195, AW581008, BF434035, AW580997, AW385874, AW385879, BF732506, BG005647, R80006, AW149452, AA171570, AI783960, F36938, AA134037, AA490935, AW373958, AW615651, AI799599, AI221918, AI073802, BF195695, AI283500, AI673019, AI383128, BF003135, AW206905, AW137599, AW135515, AW138069, AW749994, AW577486, BE675190, AW206106, AI915618, AI742378, BF732722, AW247761, AI910691, AA916988, AW148768, AI269736, AI436412, AI367166, BF063292, AU123718, BE464163, BF590529, AI435252, AI457744, AI347913, AW135905, AI813600, AI246734, AI554113, AW072464, AW028272, AI984433, AI475722, AI392621, AI346701, AI686237, AI760620, AW749995, BE940652, AI763130, AI798021, AW268899, AI361657, AI808291, AA736606, AW071723, AW245908, AW173067, AI819790, AW615262, AA491493, BF591379, AW300239, AA255597, N24567, BF434853, AA953659, AA491120, AI078632, R18846, T90676, AA404354, AA884048, AA627596, AI695434, AA768326, AA504620, F36472, AA741044, AA825829, AU137276, AA808017, AA830726, AA521349,

0950083-091201

					AA748799, AW245288, AI472050, AW386815, AU137575, AW577487, F37771, AA984953, AA768325, AL513951, AA669002, AL133211, AK001204, AK024533, AL389935, AF116650, AC008897, U72621, AF119843, AL078630, AF042090, AC005156, AL161804, AL022723, AK026630, Z83840, AL139099, AF116602, AL389982, AK025407, AL137711, AF274348, AF274347, AC008014, AC012502, AK026155, AK026506, AL161628, AL157360, AK027152, AL050170, S68736, AC006222, A41579, AL445220, AL136984, AF130055, AL117626, AF171061, AB048881, AB049852, AL356747, AK026706, AF090886, AL136979, AL445306, AK000636, AK026462, AF111112, AC004485, AX030659, AL163282, AC002540, AB049871, AF029750, AC004989, AC004943, AK026452, AL133015, AX019230, AC004385, AL031732, AL049557, Z29372, AL080060, AC004213, AP001666, X83544, AF054988, AF103804, AB040710, AK025015, AL132981, AX019229, AC006115, A32826, A30330, A32827, A30331, AL133445, AF119336, AF267739, X79812, A77033, A77035, I89947, X99270, I32738, AR034821, AC005886, AC016816, AL031054, AL031295, A21103, AC006112, AX027390, AC005091, and AL049447.
HACBT91	30	789939	1 - 827	15 - 841	AW957974, AW003857, AI820045, AI523911, AW084836, AI983096, AI333432, AW188197, BF338099, N41047, AI433769, AI379333, AW438811, AA927750, BE139611, AI435307, BF436802, AW613586, R71675, AA678318, AA748856, AA301830, AI337423, AW243869, AA577365, AI382805, AI926335, AA568182, R47922, AA057770, R50081, BE247721, AI539624, AI698267, AI224055, BE244865, AI365443, N47137, AA903242, AV707146, AW955723, AV702790, AV701751, AW962407, AV705416, AI535639, AV705047, AW954994, AV703012, AW957544, BF380516, AV729076, AV707458, AV706060, AV704785, AV701728, AV709232, AW957628, AW954206, AV709235, AV707753, AV686390, AW955616, AW961393, AV725497, AV729376, AV728436, AV697196, AW958846, AW963660, AW951562, AW949999, AI535660, AV728733, AV692600, AV727314, AV703766, AV705319, AW959907, AW950888, AV656903, AW956199, AW957853, AV704180, AV696106, AV706223, AW963378, AW964540, AV727238, AV705869, AV705811, AW953969, AV689111, AW961593, AV695545,

					<p>AV702266, AW952064, AV704955, AW963868, AV705135, AI525856, AW949731, AW958280, AV686420, AV686100, AV726103, AV695752, AV693523, AV709551, AV702861, AW951707, AV694674, AV709101, AV698429, AV702372, AV697498, AW950597, AW952223, AV692691, AV706229, AW958916, AV701067, AV658334, AV728670, AV705562, AW949729, AW955152, AV684962, AV729378, AW949523, AW957102, AV705134, AV685966, AW955662, AI536138, AW956637, AV653325, AV705693, AV702498, AW950199, AV708203, AW964369, AV701643, AW950172, AV707002, AV725153, AV706136, AI557602, AW955904, AV727916, AW950411, AV707024, AW949529, AV706147, AW963601, AW953788, AV647006, AV702035, AV705520, AW954782, AW951743, AW957682, AV702172, AW966604, AV705453, AW952368, AW956762, AW962384, AV654287, AV708025, AV728309, AW950079, AV708980, AW965813, AW958901, AW959980, AW955841, AV705959, AV725697, AW950395, AV706910, AW959982, AW950443, AW950248, AV708850, AV707329, AV703635, AW954237, AV704798, AV703030, AV703542, AW959543, AW963011, AW963750, AW950671, AW955713, AV725948, AW949451, AW966756, AV729132, AV701881, AW949927, AV653809, AW955609, AV649672, AW950446, AW949351, AV702673, AW957110, AW954372, AV728874, AV685955, AW949530, AW959828, AW964111, AW960601, AV705185, AW966444, AW950012, AW962444, AV725001, AV703494, AW959806, AV705981, AW952403, AW957987, AW966603, AV726789, AV661704, AV706893, AW964673, AV727978, AV706459, AW953797, AV707414, AK025994, AX047063, AX047064, AX047062, A62298, U94592, A82595, AX009343, AX009341, AX009337, AX009335, AX009345, AX009342, AX009344, AX009340, AX009339, AX009336, AX009338, AX009334, A62300, Y11505, AR050070, Y08991, Z30183, S68736, A82593, AF217994, AR025466, A91160, AX040577, U45328, AX046743, and AX040581.</p>
HACBZ73	31	832528	1 - 952	15 - 966	<p>AI816298, BF593811, AW070255, AI161228, BG059749, AI356073, AI955763, AI859141, AA554787, AI359881, AI445096, AA012918, AL516145, AI623554, AL526214, AL523282,</p>

					AA588328, AI348272, AW007208, AI673078, AI339762, AI276950, BF432653, AI955139, AW007230, AI279900, AI283097, BE645336, AI190729, AA411799, AI276245, AA401391, AI745451, AA609516, AI194023, AA290641, AI066417, AA825522, AI085187, AA741530, AW249998, BG056137, AI888901, AI183652, AI813383, AW007972, AA035232, BF345207, AW005114, BE644635, AI356827, AI769575, BG058623, BE271939, AA297780, AI741342, H38840, BF114741, BF111400, AA502902, AW247164, AA192852, AI264199, AA844506, AA706047, R61327, H62900, R53948, AA019501, AA297778, AI891019, AI698293, AI741902, AW245598, AI419207, AA745155, AA676896, H09484, AA769453, AA401415, AI682895, AI364643, AA535047, AW780442, AA302946, BF569111, H62934, BE645831, H05265, BF510015, AV746976, AI918195, H84150, AI567652, AI368659, AW087460, AW089463, BF957979, BF972900, AI690677, AA595550, AF217996, AF187859, AB020592, AF093420, and AF187860.
HACCK29	32	561629	1 - 991	15 - 1005	AA827722.
HADAB60	33	745367	1 - 450	15 - 464	AI732274, H39989, BE677426, H15823, F26841, T62068, BF197868, BE617537, H28577, H39871, AI469602, H26295, AI707473, AW516380, F35361, H16131, AA348863, R48732, H26107, H50712, H41972, H27223, R72204, H43368, AI820695, H43320, AW007846, R53594, R53580, H26452, AX017493, AC011498, AC011498, and AC011498.
HADAM31	34	604500	1 - 825	15 - 839	AC001084, AC001557, AC008670, AC008670, and AC001084.
HADCL19	35	599065	1 - 1088	15 - 1102	AI567076, BF677892, AV710066, AV729809, AF330238, AW265393, AV760777, AI963720, AW274349, AW858127, BF668217, AI284640, AW419262, BF827410, AI345518, AI281881, AA720702, BF793766, AW407578, AV761362, AI076616, BG249643, AV757607, AW502975, AW575165, AW833862, AL138455, AI431303, AA877817, AV763971, AI696962, AL046409, AW501386, BG222267, AI334443, AU145314, AL045053, AI368745, AV764307, AV761843, AW664193, AV763540, AV710770, AW193265, AW963497, AI801482, AA526787, AA610491, AW303196, AV760133, AV762505, AA908687, AW969988, AV760937, AW969629, BF337291, AW301350, AW131249, AI799642, AI732865, AI613280, AL119300, AV763354, AI270559, AA579179, AI623720, BG236735, AA402129, BF679304, AA455483, AV691147, AL048925, AV713243, AW088846, AA649642, AU147193, BF680639, AI679782, BF915247, AL042753,



095003 091201

				BG059450, BF724372, BF915722, BF241967, BF725504, AI270117, AV762098, BE562953, AW630298, AI572924, AV728425, AI718446, BF684828, AW410400, AA491814, AU159301, AI305766, BF915839, AI305547, F36273, AL079645, AW028429, AW301554, AV763195, AW970848, AW512330, BF915628, AI345157, AI350211, AW004911, AA490183, AV730310, AI357901, BE047069, BE872393, AW965008, AA394271, AL120959, AA515909, AV764241, AV759172, AV725423, AA101689, AA721056, AW169151, AV762707, AI610159, AI801600, AV763629, AV763847, AV762395, AW467340, AI357823, AV763290, AV703682, AV762139, AV764329, AL042420, AV761106, AI754658, AV764526, H71429, AA576336, AA665021, AL132866, U67221, AL353728, AL031012, AF015151, AF176815, AL139289, AL118501, AC006353, AC007243, AC004861, AC009958, AC016604, AL031054, X54176, X87344, AB020867, AP000477, AL021707, AC007193, AP001207, AC022404, AP000095, AL138976, AP001709, AP001666, AL353753, U91322, X55925, AF015148, AP000239, U18393, AC016950, AF015147, AC008521, I51997, AL109654, AL049776, AP001705, AC017092, AF293358, AC004858, AC019106, AC004028, AL352984, AL096861, AL356414, D83989, AC004617, U18392, AL161717, AL133284, AP000017, AF077058, AP001342, AC027644, AC005081, AC005291, AP001689, AC008482, AL136137, AC068919, AC007252, AC010135, AC004622, AC005837, AC073651, AC003035, AP001343, AC007538, Z99716, AC005703, Z84814, AC007428, AC002300, X55931, AC009060, AC004592, AC004099, U57005, AC008569, AF031078, AL121655, AF131217, AL109919, AP000964, AL137179, X54181, AB041731, AF030876, AL122023, AL023284, AC006037, AL359854, AL135940, AC005011, AC004867, AC019330, AP002532, AC027328, AC005690, X55924, AL109965, AP001415, AC006345, AC019187, AL163210, AC007250, AC005072, AC008102, AB042031, U47924, AF227510, AC006285, AL118497, AL031848, AC005088, AC017020, AL136297, X53550, AC005280, AC005670, AC004878, AC017019, AP001699, AL121823, U01311, AC020893, U57009, AP001700, AL138832, X75335, AL022323, AC009032, AL163282, AF123462, X55926, AL031680, AF015157, AL157903, AC005209, AL080243, X54175, U67801, AC006442, AL033521, U61375, AP002529, U57006, AL137228, AL133174, AC022311, AC004106, AC007404, AC007316, AE000661, AL033527, AL135839,
--	--	--	--	--

					AC005519, AC007437, AL159977, AL133545, AC002553, AC005231, U57007, AL031846, AL163247, AL024498, AC002070, AL121753, AP001730, AC023275, AL050401, AP000159, AC005180, AC020916, AF196779, AC005234, AC016602, AL133551, AP000567, AC005235, AC008101, AC016025, AC007679, AC027689, D84394, AP001720, AC013434, AC018637, AL133255, AC005840, AC004908, M37551, AC007040, U02532, AC017015, U18394, X74558, AL121658, AL035697, AL442166, AP001672, AC005295, AL354720, AC006213, AF015153, AL109662, AC009263, Z98753, AL121751, U57008, AC007277, X54179, AC004166, AP001604, AC005020, AC010513, AL391354, U18391, AC008072, AL109755, AL163284, AL035681, AC006112, AC025588, AJ246003, AL161670, AL136179, AL049557, AC018645, AC005913, AL163227, AC002379, AC007383, AC004686, AC011296, AC025264, AL355889, AC009223, AC009976, AL096776, AC005839, AC005696, AC012099, AC007620, AC022448, AC009305, AC010723, AC022150, AC000360, AC021466, AC023864, AC023864, AC016142, AL356423, AC068682, AC023309, AC027584, AC027584, AC023583, AL353663, and AC027264.
HADCZ65	36	683227	1 - 1098	15 - 1112	AI092552, BF817060, BE173784, AV748593, AC006006, AL121958, AL163249, AF124730, and AL133387.
HADDC04	37	601695	1 - 2517	15 - 2531	BE613004, BE613166, BF974661, AI500315, N48208, BE618336, AA226104, AA774105, W38468, AC010553, AL050349, AL121899, Z83822, Z82193, AL080243, AL031280, AL049779, AC008969, AC005052, AC008760, AC006057, AC006958, AC022596, AP001714, AC011290, AL035460, AC006441, AC005217, AL121890, AC007955, AL121658, AC007383, AL354943, AJ246003, AC004890, AC020552, AC004491, AL033529, AF243527, AL021407, AP001717, AC007136, AC011491, AC004983, AF233882, AC007263, AP000300, AL353777, AC004686, AC006530, AB023048, AL117382, AL096791, AC011473, AC002117, AL158828, AL133544, AC011455, AC006111, AL049576, AC005736, AP000510, AC005484, AC006115, AP000045, AC008474, AB042297, AC004887, AC018663, AC006014, AC005049, AC012153, AP000113, AL008718, AC007216, AC011465, AC004929, AF235097, AC003071, AF001552, AL049832, AC016601, AC007639, AC005488, Z99495, AL121923, AC004638, AC011445, Z98200, AC009530, AC024082, AL161781, Z95113, AC006071, AC005098,

					AC022493, AC004703, AC003036, AC018682, AC005839, AL162615, AL133387, AC005182, AC073593, AC004971, AC012384, AC005522, AJ277546, AJ009616, AC004527, AC007688, AL135787, AC007050, AL020997, AC005015, AL161757, AC019187, AC068713, AC011895, AC005399, AL031311, AC008521, AL035410, AC078843, Z86090, L78810, AC004953, AC008008, AL139377, AC011554, AF002993, AL121753, AC004882, AL022316, U91319, AX039602, AC003038, AL109823, AL031767, AC004253, AC003010, AF184614, AC005003, AC004812, AC020916, AC020663, AC005527, AL021546, AC008635, AL049743, AC004166, AC011508, AC005971, U89337, AL352984, AC005409, AL049709, AL139390, AL109976, Z93015, AC008812, AC010205, AC005377, AC005859, AC011495, AL049839, AL035419, AP000114, AP000046, AC011811, AL162424, AC004656, AL139343, AC002126, AL109627, AC011310, Z96074, AC003684, AC007182, AC005231, AC009155, AC002985, AF001549, AC008892, AC007731, AL022476, AJ003147, AF038458, AC005500, Z95115, AL132855, AL031284, AC020728, AL121655, AC016995, AC002310, AC008738, AC007052, AL031230, AC025086, AC025086, and AC036213.
HADDP23	38	847115	1 - 940	15 - 954	BF920973, AA937934, BE536730, AL365360, AC022252, and AL353606.
HADDP51	39	853356	1 - 3328	15 - 3342	AA706728, BF001483, AI673245, AW886998, BE348278, AI248598, AI659019, BE736844, BE612704, AI739127, AI247536, AW117842, AI817551, AW006528, BE870926, AI814762, AI018632, AI610158, BE936853, AI765799, AI146290, AW675680, AI669984, AI951089, AI828725, AI684151, AW085627, AI984264, AW084761, AI709270, AI521424, AI660833, AI805142, AI093211, AI093207, AI754757, AW273314, AI129227, AW167368, AI419001, AW338718, BE677091, AI340939, AI201935, BF058370, BE042471, AI624410, AA987554, AI199763, AW469974, AI818301, AI364375, AA568807, BE350572, AW072815, AV712401, BE049563, AV717061, BE936831, BE351005, BE139466, AA868585, AI141658, AV721894, AW302534, AW470216, BE042541, AW167020, AI689602, AV653557, AA128943, AL533985, BE880885, BE746703, AI491811, BE394283, BF343008, AA635972, BF312778, AW276193, AI362252, BF569821, AA937582, AI499502, AA580333, AI690969, AI520808, AA744713, AW188990, AA830900, BF038560, AI741460, AA563991, AW301672, BE857595, AI587346,

					AA069986, AA862677, AA662140, BE350647, BE745985, AA992257, AW271966, AI689054, AA989733, AA009442, AA934615, AI049557, AV687968, N79199, AA633675, AA525141, AW003699, AW515486, AI273766, BF901149, BG178058, AL533689, AW189942, AA576455, AI823950, AW007199, AW246575, AW167709, AI361067, BF436628, AA662184, AA186884, AA568579, AA968665, AI566170, AA151205, W81082, W80979, AA533795, AW628185, AI215766, AA428618, AW192180, AA039971, AA913432, BE552151, AI080998, N32839, AI858558, AA772310, BE350716, AA424176, C05810, AA186612, N52651, AI244730, AI015663, AA864809, BE208256, AA424200, AA041205, AA682245, W56589, AI933329, AI368663, W61232, BE542899, N72380, BF206636, AI350104, AW243250, AA513315, AA554444, BF737306, AA039886, BE002687, N62479, AA877299, BE387815, AI916471, AA772436, AA977627, AA911157, W56525, AA177003, W02752, BE463578, AI000809, AV715621, BE696704, BE312465, H47590, R97797, AA112363, BE746566, W58437, AI039853, AA470483, AI828624, BE313485, AA112362, AI460285, N42285, AV748776, AA835949, BE926978, AI635244, T28157, AA678753, N47787, AI299035, W61166, BE927161, AA470947, R97998, AW246813, W20497, AA814206, AV701108, AI817865, AI018745, AI754561, T16183, AA744958, BF436568, AA837930, AW368970, AW514426, AA587415, AI914601, AI700301, BE964887, BE965292, H53018, AW088513, AA865933, H53019, BF091163, BG059710, AW083074, AA480253, R94477, AA295415, W22472, AA868770, AI050084, BE926971, BF570330, H67145, AI802634, AW470489, AA372717, H28973, AK026127, E02135, E01813, AC005295, AC008273, AC019099, AC009069, AP001759, AL356321, AP001705, AB017602, AP001627, AP001747, AC004947, AF265340, AC004820, AP002026, L08582, AC019172, AC007041, AC009086, AC004491, AL132773, AL096793, AC007683, AL163281, AL050317, AP002898, AJ271735, AC010458, AL121983, AC007785, AC012597, AP001626, AC034207, AC010223, AP001693, AL096868, AL031427, AC006464, AL445493, AC006544, AC016612, AC005095, AC002119, AL024474, AC004089, AF001549, AP001724, AC005081, AC012077, Z83826, AC006543, AC004673, AP000085, Z83846, AC003065, AL138702, AC007690, AL030997, AC025471, AL136094, AL359763, AC005015, AC008162, AF131215, AC022402, AC005033, AL158198,
--	--	--	--	--	--

					AL136438, AC004383, AC010092, AL133247, AC018637, AC073316, AC006333, AC006334, AF128525, AC066584, AL009172, AC004106, AC003666, AC004776, AL162457, AF067844, AC012067, AC023485, AC004808, AL132827, AC008547, AC005209, AL023581, AL133238, AL035555, AL117344, AC004478, Z93928, AC004883, AL049838, AL163282, AC015540, AC005632, AL022337, AC006195, AC005355, AC008040, AC011504, AC019221, AC006313, AL023582, AC020553, AC006560, AC008518, AC011310, AL049779, AC007383, AC009506, AL132799, AL031228, AF191070, AP000687, AC006350, AL117336, AL138759, AL138812, AC009134, AL137228, AL033521, AC004804, AC009248, AC011815, U91325, AC010485, AL031286, AP000694, AC016903, AF003528, AL161916, AC006600, AC004605, AC005740, AC022201, AC023344, AC004051, AP001729, AL049792, AL109946, AC007207, AC009332, AL031584, Z95114, AC005393, AC004690, AC008555, AC011500, AL390039, AL390027, AL049591, AC026179, AC087093, AC003007, Z84488, AL133551, AC006337, AC011523, AC008664, AC006509, AC002456, AC007773, AF243527, AC016597, Z84814, AC001231, Z83820, AC008413, AC004838, AC007539, AC006288, AL356098, AP002532, AC011327, AP000239, X87344, AC007283, AL354984, AC011463, AC018493, AC027689, AC004057, AC044791, AC020637, X66401, AC007510, AL022158, AL354868, AC004029, AC009430, AC004388, AL136296, AC012309, AC004822, AC011490, AL049823, AC004914, AP001696, Z97985, AL133325, AC002412, AC003051, AL392106, AL353643, AC010175, AL133383, AC018633, AP000221, AL121869, AB020863, AC004020, AL138706, AC005406, AC004522, AL049760, AL021367, AC007051, AC016642, AL136298, AL035451, AL035427, AC008925, AC022469, AP001725, AL157375, AL354977, AL136362, AL031733, AC022404, AL132668, AL136527, AC010081, AL132718, AL355792, AL033544, AP001417, Z96810, AL023876, AL357507, AL158064, AC002449, AC026694, and AL050308.
HADDR24	40	664477	1 - 606	15 - 620	AA557484, AI241530, AA203569, R00828, R01484, AC005103, AF047825, AC005103, AC005103, AC005103, AF047825, AF047825, and AF047825.
HADET62	41	607615	1 - 816	15 - 830	Z84483, AL139187, AL139187, and AL139187.
HADEY08	42	799507	1 - 4040	15 - 4054	AL041330, AL532631, BF342382, AL039218,

					BE744693, BG171848, BE906972, AW581724, BE514975, AI983091, AI026948, AW007308, AA187443, BE327895, AW614741, AI313476, AW150958, AI184989, AW519132, AW051414, AW103092, T31299, AI400495, AV750738, AA555192, AI393501, AI984107, AW965723, BF953345, AI278262, BF352483, AA187617, AW519142, AA687653, AI933328, AI263371, AI936114, AI554618, AW081153, AA825438, AI369298, AI872012, T58131, AW403022, AW392614, AI827952, AW264063, BF805138, AA310172, AI459545, AW967062, T08226, AW264562, W57718, AA430020, AW468609, AI907736, AA445968, AW117700, T96126, T08674, AA866012, AA775349, BE169800, W42765, AW614932, BE207569, AW117718, AV750891, AA573410, AA573401, AA723908, AA983333, AA125861, AA125860, AI159920, AA234055, AA565298, AI802359, AW304779, AI355922, AI582810, AA758121, AI419782, AI075125, AA780995, AW006719, AA309637, AA953036, AI200433, AW515339, W57719, AI807096, BF932807, AI381630, BG258775, AI978991, F24405, AA954841, AW375057, T90761, T96208, W40553, H10599, AV660422, AA777249, F31087, BF365451, R39116, AI215566, AV660414, H04978, R89064, AI220877, R37587, H10390, T83210, T34123, AA398261, AI638808, H04979, R89161, BE745287, AW277147, AA757325, H25348, AW419058, R13993, Z44248, AI126638, AW295563, AI091370, AW611691, T63068, R49772, BE763408, AA907581, R02011, AA340597, AW149920, AW958422, BF852297, R02010, AW883698, AA878773, AI638643, W19394, BF438501, AL041331, N90908, BF930557, Z40207, AW502723, T80172, BF888134, BF370828, BF900539, F24012, AK000374, AK000161, AF070644, AC078937, AF009664, AC016626, AC004908, AC004842, U43563, and AL031259.
HADEY22	43	704584	1 - 438	15 - 452	AF125348, AC006159, and AC006159.
HADEY22	44	861628	1 - 611	15 - 625	AI241976, AI279417, AI583466, AV734149, AW128881, AV710232, AW265688, AW895394, AI570380, AW895315, AW895463, AW895486, AW019964, AI445914, AW895376, AW895398, AI859906, AW895286, AW895289, AW895476, AW895321, AI306232, AW895480, AW895293, AI733856, AW274191, AI358712, AI753672, AW895322, AI251034, AA827383, AI381490, AW895461, AU146063, BF897648, AI284543, AI049701, AW895477, AL042667, AL042670, AW895389, AW895374, AW895404, BE062478, AI361090, AW895385, BE139139,

					<p>           AW895384, AW895467, AU153717,            AI251284, AI421950, AA356376, AW895303,            AU145293, AW895296, AI419337,            AV761486, AI250552, AW895469,            AA683069, AV695478, BE613317,            AW026305, AV760941, AI223968, BF734878,            AI002762, AA678616, BG222891,            AW895479, AW895301, AI564301,            AA133013, AI252726, AW962006, BF960460,            AI345334, AV733907, AW591304,            BE062545, AW132097, AF125348,            AC006159, Z93244, AL049743, AF109907,            D86995, AC006323, AL109963, AL356415,            AC005052, AP000553, AC018751, AL109798,            AL021546, AL121925, AP000690, AF235097,            AC006480, AL133448, AC016526, AF001550,            AC019187, AC010526, AC009516,            AC006312, AP000691, AC005064, Z73417,            AC005237, AL390026, AC004846,            AC020954, AL354950, AC004804,            AL023513, AL050341, AL160231, AL138743,            AL031277, AK027131, AL022336,            AC004851, AL133260, AC066584,            AC004659, AC026179, AP000251, AF190465,            AC023485, M89651, U96629, AC007051,            AL138741, AC007919, AL133387, Z82244,            AC004234, AC005588, AC004539,            AC004152, AP000212, AP000134, AP000030,            AC005740, AP001207, AC004703, AP001711,            AC027319, Z99943, AC006544, AC007462,            AC011490, AL117344, AL031228,            AB022537, AL035072, AC005667,            AL022721, AC011530, AC024078,            AL096840, AC007387, AF168787, AL023973,            AL139100, AC023105, AL356748,            AC024952, AC007868, AC025594,            AC018719, AC004975, AL139331, AP001622,            AL138761, U47924, AC069276, AL133153,            AL035462, AC010789, Z83826, AC002477,            AL031121, AC007066, AP002015, AL137787,            AL445248, AB045363, AL034372, AL163302,            AC007450, AL035403, AB045365, AP002535,            AC009247, AC005815, AC005899,            AC004805, AC006023, AL136296,            AC008395, AL157938, AC004129,            AL031847, AC009016, AL049872,            AC005081, AP001746, AL049874, AC005846,            AC008805, AP001725, AL132857, AC005480,            AC004187, AL022723, AC002544,            AC002546, AC002365, AC004821,            AC000063, AL137226, AL356020, AL109758,            AL109920, AC005231, AC011465,            AL096870, AP002534, AL137853, AC008064,            AL121906, AC003982, Z99716, AL109825,            Z85995, AF196779, AC010521, AL022313,            AF003626, AC008011, AC006449,            AC004950, AC018663, AP001598, AL133451,            U62631, AC010745, AC003692, AC004883,            AC018641, AC002091, AL035659,            AC009408, AC003007, Z98750, AF042836,         </p>
--	--	--	--	--	---

					AC004887, AC009073, AL390037, AC004971, AB009589, AD000864, AC002115, AC021016, AC004263, AC008747, AJ277546, AC000378, AL391415, AL008635, Z84467, Z94865, AL353804, AC011479, U73628, AC020945, AL034400, AC002994, AL035249, AP000509, AC007225, L47334, U91326, AC022206, AC020923, AC004893, AC005856, AP001691, AF243527, AE000662, AL022316, AC010271, AL031660, AC011200, AL355094, AP001601, AC003037, AC025430, AL133275, AC011475, AP000695, AF196972, AP001748, Z70050, AC011811, AL353701, Z85996, AC005338, and AC006159.
HADFB84	45	668229	1 - 1179	15 - 1193	AI628371, BG034232, AW979200, AW970588, AW976008, AW970958, AW973808, AW979159, AW975247, AW970933, AW970875, AW975409, AW970877, AW971963, N49298, BE148723, AW972827, AW975434, AW975916, AW972864, AW972298, AW970064, AW975987, AW970564, AA167656, AW975964, AI569452, AW975904, AW975126, AW979140, BE967607, AA525818, AI560241, AA730530, AI733523, AW239465, AA593168, AA218684, AW338376, AA171400, AA347203, AA947352, BF980299, BF846619, H53109, AA493464, AA101744, R72363, AI554399, AA084320, AW979284, AW972802, AA421536, AW973757, AV760927, AV760048, AW976034, AI890297, AI242236, AA639040, AW973116, AW973771, AW151541, AF126947, AI570067, AA635135, AA720531, F01694, AW028376, AI744890, R22196, AA152398, N26159, BF031162, AW243516, AA492496, AA587835, AA768079, AW971068, AI003391, F30310, AU148708, AA657808, AI282322, AI268465, AI370470, AI619933, AW337483, AA180056, AA579417, AV762541, F25759, BF873493, AV729090, R00693, AW975634, AI281622, AI744766, AA494313, BF530611, BG059924, F35374, AW969751, AV728973, AA502862, AL008710, AC023490, AC009469, AC007993, AC007957, AL353807, AP000556, AC005914, AP000557, AC002120, AL353748, AC004975, AL136170, AC002351, AL136179, AL136362, AC004031, AC005399, AC003963, AF003529, AC018755, AL139286, Z83840, AL136124, AL121886, AF207550, AP001725, AC004500, AL049843, AC009756, AC011452, AC004000, AL139100, AL033529, AL050335, AP000692, AC007546, AC003663, AC083871, AL049760, AF195658, AL357052, AL109965, AC011453, AC009032, AP001711, AC005484, AP000275, AL138836, AL117381,



					AL138717, AC004033, AC006115, AL390763, AL050333, AL121967, AL049780, AP000105, AP000037, AP000083, AL109855, AC006013, AC002476, AL031427, AL121655, AC006166, AC004969, U80017, AC004840, AL136381, AP000038, AP000106, AC008521, AC007731, AC011287, AC002310, Z97353, AC007956, AC005500, AB035195, AL139353, AL080250, AC005087, AP001418, AL121893, AL391259, AC009087, AC019155, AC007421, AF113129, U95742, AC002472, AC002991, AC005585, AL109963, AL109766, AF139813, AL109923, AC003090, AC005527, AC010091, AB023051, U93305, AF217403, AC006254, AC008795, AP001714, AL109935, AC008009, AC007050, Y11107, AL163281, AL031311, AL158812, AC005971, AC004996, AC004997, AC006315, AL358777, AF111168, AC004668, AL121977, AJ246003, AC006511, AL020997, AC008784, AL137060, AC020934, Z99297, AC004228, AC008812, AC000387, AL109653, AL035699, AL035404, AC024571, AC005409, D88271, AL109952, AR063066, AC005031, Z94721, AL096814, AC005821, AC008102, AC002477, AL031662, AL109865, AC005900, AP000122, AC003041, AC008413, AC003682, AL356747, AP000008, Z95152, AL158198, AC004907, AC007739, AC010685, AD000092, L44140, AL445483, AC012309, AL135978, AC003665, AL049776, AC011495, AC002094, AC006530, AK025010, AL138756, AC005529, AC005332, AC004233, AL158815, AP000326, Z81364, Z69364, AC008068, Z73979, AC004643, AR036572, U91328, AL136526, AC011475, AC005666, AC002404, AC008044, AC007664, AC011594, AC003029, AL356799, AL034369, AC007057, AP000054, AP000169, AF196779, AL049872, AC020913, AL121757, AL136137, AL158828, AC010205, U06452, AC034117, and AC034117.
HADFD01	46	829979	1 - 1580	15 - 1594	AL139423, and AL139423.
HADFD10	47	843934	1 - 1748	15 - 1762	AW965292, AW024643, AI277780, AI097416, BF726541, AI023101, BE468246, AI056079, AI037916, AI039913, AI342997, AA807752, AA430672, AI242690, W42638, AI357027, W42430, D79788, BE538980, BF875789, AW166085, AA332083, H01188, AI989582, H01284, and N57099.
HADFK11	48	637485	1 - 1028	15 - 1042	Z97353, AC006360, AL121903, AC004477, Z97353, and Z97353.
HADFT44	49	793100	1 - 841	15 - 855	AL533482, F36908, AI824965, AI818227, AW959983, AI871184, AA365784, C03253, BF530729, AA365785, C04223, AW959815, C04765, AA365263, C03732, F23203, BF347736, AC010789, AJ276317, AC016774, AC016774, AC016774, AC010789,

					AC010789, and AC010789.
HADFW20	50	599066	1 - 1106	15 - 1120	N68423, N68430, AI627688, AW297764, AA557945, AI572680, AW021674, AW873417, AW839858, AA779599, AW504667, AW327673, AW979200, BF846619, AI318548, BF812696, BE044000, AW338633, AI732327, AA935827, AI344906, AA723282, AI860423, AA280886, AI860648, BE139230, AI921744, AW516250, AA828840, AA525818, AI434103, AW008217, AL121039, BG180320, AW157128, AI702049, AW162314, AA112864, AU146789, BE080768, AA133568, AV741384, BF944618, AI038029, BE042324, BE049409, AW277240, AA493464, BG003974, BG059139, AI444575, AI570067, AI254267, AW023390, BF942991, AW265468, AI281622, AI280566, AA618531, BE152006, BG059924, AI571094, N49298, AA554289, BF913232, AA601336, AI744890, H86399, AA604601, BE062545, AW731858, AW576388, AA197089, AW514844, AI798521, AI003068, AA694596, AA167656, AA661583, AI640905, AA493245, AW148821, AW162332, H47461, AI701898, AW274180, AV763460, AW105463, AI267285, BF314404, AW023975, AA593168, AA157876, AV720226, AI884404, AA525753, AI253347, AW662484, AI547110, AA196287, BE065048, AA313025, AI445768, F35374, AA132929, AA521122, AW850985, AI821901, AF114095, AA632355, BF849260, AW962971, AA493808, AV735017, AW880986, BE156611, BF771562, R92703, AW243817, AI174827, AA834891, AW974283, AA635433, AW410844, H62123, BG223498, AA663579, AA847341, AA101744, BG118544, AW131109, AI188327, BE244547, BF666614, BF870098, AA601376, BF853009, AC009314, AC011464, AC005003, AC007240, AL121928, AC005913, AF148460, AC002350, AC009506, AC005253, AP001724, D85606, AL121601, AP000257, AB025285, AP001712, Z68273, AL161757, AL035684, AC003665, AL023803, AC007011, AL138759, AC010150, AP000098, U85195, AC024563, AC005202, AC006111, AP001675, Z98272, Z73900, AC004531, AL031286, AL121845, AL136137, AC016144, AE000658, AC008379, AC000355, AC006328, AJ229041, AC012005, AL035455, AK022821, AJ003147, AF111168, AC005534, AC008543, AC004400, AC004812, L78833, AP000958, AF064859, AL356299, AF045555, AC007055, AL034395, AC011480, AC022137, AL021391, AC021016, AC005747, AL137881, AC004816, AC011533, AC005330, AC005844, AL121886, AC003014, AL035588, AF217413, AC002558,

					AC020917, AC005225, AL050341, AC002559, L47222, AL109952, AC004477, AL121897, AL137006, AL133163, U92032, AC005098, AC004067, AL161901, AF075069, U69568, AP000557, AC007637, AC004634, AL121890, AL353804, AL031311, AL031673, AP001710, AC022432, AL133448, AC006142, AC007957, AC018719, AC002369, AC008929, AP000688, Z95703, AC006254, AL034420, AC024082, AL139195, AL136162, AC005696, AC002430, AC005355, AL161665, AC007900, AC016939, AL159168, AC011462, AC004941, AC005520, Z73495, AL157702, AL049761, AK000471, AC010328, AC004765, AC004031, AC005837, AF146651, AL020997, AC002070, AC010553, AL133355, AL118499, AL118497, AC007381, AL122020, AC007384, AC004166, AL121881, AC005821, AC008672, AC009600, AL035420, AP000511, AC011494, AC005695, AC005911, AC010271, AC005399, AB001523, AP000250, AL031680, AB023048, AF130089, AC011500, U91326, AC008372, AP001717, AP001748, AL096808, AP000356, AC004832, AC023490, AC006969, AP000031, AC004883, Z98946, AP001727, AC011510, AC005553, AC000353, AC004263, AC005080, AB023049, AC005049, AB039887, Z48051, AC004847, Z93015, AL034423, Z81008, AC005516, AP000355, Z82198, AC020948, AL035587, AL033529, AC006162, AC009756, AC005007, AB042297, AP000280, AL138756, AC009399, AC016995, AC019210, AL161937, AL021877, AF287351, AL139100, AC006130, Z80899, AL022149, Z98754, AC009298, AC005833, AP001680, AL031255, AL035086, AP001715, AL049576, AL137062, Z84466, AC006261, AD000092, AP002015, AC005856, Z81450, AL355476, AC007619, AC008747, AC020956, AC006322, AP000107, AP000952, AC007686, AC006449, AP000506, AL136418, AC007285, AC007993, AL117337, AP001442, AC011495, AC008044, AP000556, AL162430, AL163279, AL356575, AB023054, AP001629, AC007563, AC005730, AC009314, AC009314, and AC009314.
HADFX10	51	741054	1 - 1264	15 - 1278	BF681546, AW969667, AI733856, AF139813, AC004228, AC003025, Z94056, AL139390, AC004840, AL137129, AL163249, AC020913, AC005899, AC010150, AP001717, AP001743, AC011444, AC018639, AC016995, AC005384, AL133246, AL109797, AC003070, AP000493, AL139123, AC015971, AP001748, AC004125, AL391122, AL162831, AL159977, AC005412, AC004962, AC004491, AL133467, AL050318, AL009177, AC007283,

					AC004453, AL138688, AC009087, AL390195, AL022318, AP000512, AC008474, AB023051, AC020908, AC008551, AP001715, AP001716, AL110502, AL159168, AC007934, AL450169, Z84480, AL163279, AC004967, AL355916, AL008723, AC007878, AC004032, AP001615, AC008154, AP001732, Z93015, AL117341, U96629, AC009244, AC002351, AL390738, AL078477, AC027319, AL356575, AC009756, AP000513, AC007637, AF165926, AL133448, AC011551, AC006211, AP000997, AL049874, AC005914, AL445669, AC005229, AF001549, AL031657, AC005369, AC005988, AC003003, AL049745, AL163278, AC003689, AP001718, AL133453, Z95116, AL136992, AC006111, AC005519, AC024571, AC008074, U82671, AC007707, AP001726, AC006038, AC008040, AL121978, AL023803, AF139813, AF139813, AC003025, AC003025, AC004228, and AC004228.
HADFY80	52	654831	1 - 728	15 - 742	BF511472, AU127911, AL514006, AI651629, AW163823, AA464646, AI612015, BE897632, AW162071, AI656270, AW891165, AW081143, AW022682, BE621256, AW366372, BG001293, AI885949, AI804505, AI612014, BF339322, AI494201, AV757067, AI950664, BE172412, AI345224, AL041150, AI311892, BF814521, AI955906, T99953, AI886415, W33163, AA888196, BE965481, N29277, BE779203, AV721874, BF814408, BF811808, AI254226, AW020592, BF868927, AW059828, AW022494, AI264629, AW075084, AA494167, AW020288, AI310925, AI312399, AI349937, AI292193, AI334884, AI307543, AV738730, AI345251, AW071412, AI811192, AI307708, AI336513, AI312325, AW071395, AV738918, AV739798, AI340659, AW071377, AI311159, AI348895, AI336495, AV737782, AI340644, BE138684, AI537837, AL036652, AV736474, AI334930, AI309443, AV744972, AI307520, BF840692, AA468418, AI869367, AA654165, AI345026, AI313346, BE544111, AI918408, AI340664, AI310592, AI307542, AI345739, AI345674, AI312143, AA835966, AW079334, AI349637, AI334920, AI002285, AW071276, AI310927, AI307578, AI336488, AI349955, AW075093, AI310930, AI312432, AI312357, AI567351, AA862606, BG058039, AI344931, AI312237, AL040694, H89138, BF764538, BF753053, AI420796, AI349213, AA693347, AW269097, BE885353, BF724157, AI801167, AW806761, W48671, AI538790, BF872670, AI280561, AI371228, AI690946, BE909551, AW083168, AV728471, BE886728, AI345735, AW089689, AI868163, AI336633, AI801325, AI631216, N22406, AI916419, AV742698, AW058233, AA012905, BE964078, N36182, BF791874, AW268261,

					BE048081, AI805688, AW089572, AW084097, AI345114, BE138712, AI307210, AW168503, AI590423, AI312152, AI336662, AI500659, AI357599, AI491904, AI582912, AI702301, AI868204, AI313320, AI446405, AI612885, BE894455, AI313352, AI310920, AI345397, AL036705, AI539771, AW403717, AI446373, AW827285, AI307503, AI890806, AI623682, AI242248, AI873638, AW084151, AW023338, R41605, AI887775, AI582871, N20984, AI473451, AI345688, AI336585, BE965169, AI537677, AI345737, AI349266, AI334452, AI349787, AI445237, BE047952, AI344938, AI345370, AI312146, AI312339, AI309431, AI340537, AI888621, AW083572, AW161202, AI440263, AI345258, AI889168, AA019646, BF726628, AI242736, AW079432, AI345736, AI307459, AI343140, AW411412, AI434256, AI468959, AI349971, N75771, AL135727, AL038575, AI307507, AI348879, BF036448, BG113299, AI311604, BF925348, AI307736, AI349805, AW082600, BE974031, AI271234, R49697, AI335208, BE875407, AI311440, AW079736, BG031664, AW834325, AI343131, AI312271, AW263804, AI915295, AI349269, AK024233, AK023215, AL137300, AF051325, AL133014, AF085809, AL122098, A18777, AK000247, S69510, S77771, U49434, AB048964, AK025906, AF114818, AK024545, AK026353, A90832, I89947, I48978, AL133558, AK000636, A08913, AF057300, AF057299, AL389935, I89931, AL137556, AF132205, AK024601, AF118092, AK000753, AL137256, A08912, A08910, A08911, AR087170, A08909, AR038854, AL137276, A08907, AK026464, L19437, AF118064, A08908, I26207, AB033881, AJ301634, AR059958, S76508, I89934, AK026591, AL133054, AL080127, X93495, AL122049, AK027081, AF218014, U90884, AL110171, AL133104, AL049464, AK026164, AF130100, AB047941, AF031147, U42031, AF254119, AL050116, AL389951, AL050138, U77594, AL122121, A23630, E01812, AB046642, AL122045, AL080126, AK026533, AX019229, AB051158, AL161953, AL117585, AF061795, AF151685, AF113676, AL096751, U91329, AK024622, AK000450, AL137557, L13297, AL389978, AF118070, AB050418, X80340, AL359583, U58996, AF178432, AK027182, AB052176, AL133557, AK026627, AL157431, AL137656, AK026855, AR081734, AL137476, A15345, AF111112, S61953, AY004290, I18355, E02253, AR085690, X62580, AB050510, AB025103, AL133098, AJ242859, AF082324, M27260, X59414, AF188698, AB047631, I89944, AF012536, AB047248, AL049460, AK026522,
--	--	--	--	--	--

					AK026651, X84990, AK000197, AF116649, AL133077, AL137660, U51587, A08916, AF119337, AK026086, AF113699, AK026626, M30514, AL110197, AF219137, I03321, L31396, AF090896, L31397, AL122123, X53587, AK026628, AK026608, AF207829, AK026629, AL137526, AL049300, AF159141, AF166267, AK000212, AL133624, AK025798, X92070, U96683, AF119856, AL359615, A27171, A52563, AL122093, AL110222, U75370, AB047904, AF242525, AC010128, AL035458, AL353625, AL049465, E02914, AB019565, Y10655, AK027116, AK024594, AK027114, AF036941, AF116639, AL162008, AK026528, AB049900, AK026797, AF119860, E12579, AL137711, AF119857, AF130075, AR059883, AF274348, AF205861, AL137558, AF274347, U68387, AL442082, AF146568, AF261883, AL137273, AK000647, AF182215, AK026442, AK024546, I29004, X66417, AC002467, AL390167, AL137463, AF116698, I41145, AK027111, AL080086, AJ250403, AF067790, AK000652, AF126247, AR083266, AK027102, AF022813, AK024538, AF118094, AX046603, X87582, E05822, E15582, AX046716, Y11254, AL122050, AK000432, AF107847, AF030165, AF069506, AF225424, AX014095, AF115392, AL122106, AB049629, AL050172, AL110296, AK024974, X52128, AK025491, AK026746, AK025431, AF305835, AC026740, AC026740, AC016498, and AC016498.
HADGD93	53	826467	1 - 1019	15 - 1033	T89808, AW445047, AW449791, BE857368, BF431347, BF114958, AI795971, AW771616, AW751065, AI473887, AI000663, AA515382, AW844933, T89904, and AC010990.
HADMA77	54	783049	1 - 1899	15 - 1913	BE886986, AL118575, BF963505, BE896957, AA019981, AI871227, AW958870, AI148306, AI090074, AA594961, AI620245, N62115, AI499838, BE139496, AA253149, H37934, AW953772, AA398760, BE883579, AW008316, R17479, AI934670, AA253150, AI436173, AI446137, D59581, AI128007, R54297, H42535, D61056, D80139, R61184, AI197892, AA729655, D51488, H55864, H55771, AI075689, AA911710, AA292804, H86756, BF963502, T57670, AI961860, H42534, D51454, D81542, T34704, D80154, D81775, AA001440, T59256, D59479, R42975, R61185, AA994602, D51481, D51437, D59463, D59482, R46039, R51909, AA359928, AA659063, N79566, Z40268, R25021, R42826, D52193, Z42365, AA358058, T57710, AV656695, AL048093, R43779, AW276733, AA365016, AL048094, F01883, AA708838, C14366, N78346, AI601109, W16551, R18081, C00235, BF663261, AC018656, AC018656, AC018656, AC007944, AC007944, and AC021874.

0950083-091201

HADXA10	55	772423	1 - 1978	15 - 1992	AL520379, BE728240, BE270748, BE563192, BE747293, BE616025, BF310134, BF206071, BG261043, BF204862, BE545976, BE729057, BF038936, BF675547, BE256389, BE276099, BE788900, AW410129, BF308046, BE387325, BE408780, BF244181, BG163620, BF310098, BF685442, BE270749, AA167070, AA595202, BE304399, AA166712, AV703692, BE537629, BG169509, AW006548, AW410130, BG171506, AV710363, BE393095, BF307791, BE617132, BE870070, AW361375, BE018109, BF125720, BE018088, BE616932, BF218030, BF507493, BF540895, BE906493, BE255013, AA541691, BF376341, BF836047, AI744106, AI275900, AA993705, AA570550, N25461, BF029481, C05079, BF196260, AA889358, AW104053, AI350305, BF185767, BF370885, AA215410, BF437962, BF508953, AI089241, AW261873, AI497768, BE831576, BE831566, H18557, AA134178, AA846560, AW341240, AW081872, BE673528, BF927401, AI978665, T64162, AA632468, H14432, AA134179, BE395917, BE091064, BF358799, BF359337, AW178636, BF358802, W22499, AA304799, AI653587, BE677600, AI885460, AI279015, AA095130, BE092495, AW601699, N42506, AI344456, W38700, AW150858, AA366810, BE710901, AA179114, AI658559, AW130294, AI302234, BE301577, N29814, AI903900, BE091130, H92212, AI521519, AI033015, AW058536, AW501606, AA305613, AA143566, H63841, BE548654, AA808514, AW601698, AI203740, AI076514, T64291, BE617717, AI097603, AA319609, AA079129, M78187, AA593710, AA232208, AI300090, AA232710, AA991543, BF927447, AI393752, AI003412, AA657813, AA481443, N50147, AI524438, F27490, AA404267, F37077, AI632386, BF447367, BF352235, BE301594, D25983, W30874, AA143567, AA731107, AA627438, AI765285, AA658165, AI239690, BF359954, BG025231, AA248062, BF351238, BF355595, AI770138, F29157, AA991539, AA991535, H14382, BF110530, BE839062, BE208658, BE879215, BE767250, BF330903, BE737607, BF432290, AI743174, AW674239, T33198, AW207869, BF354800, BE163436, AW953180, AW300178, AA079130, AI681045, AA775347, BE465391, BE085119, AA179113, BE073669, BE617593, BG007497, BG001568, BE738590, AI752143, AI241635, AA634670, D50987, AW183393, BF672618, W46344, AA552207, AF151907, AK025046, AK025260, AX015060, AX014857, AF219226, and AC015971.
HADXA10	56	859777	1 - 1372	15 - 1386	BE616025, BE747293, BF038936, BE545976, BE788900, BF244181, AV703692, BE276099, AV710363, BF204862, BE729057, BE393095, AA541691, BE870070, BF308046, BE018109,

					BE906493, BE018088, BE616932, AI744106, BG163620, BE387325, AA993705, AA570550, BF540895, AI275900, BF836047, BE408780, BF196260, BE255013, AW104053, BF437962, N25461, BF029481, AA889358, AW261873, AI497768, AA846560, AW341240, AW081872, BE673528, AI978665, AA215410, AW361375, AI089241, AI885460, AL520379, BF307791, BE831576, AW178636, BE831566, H18557, AW410130, BF508953, BF927401, AI653587, AA595202, BE677600, AI279015, AA134179, AA134178, AA166712, BE563192, AW006548, AI344456, BE091064, AW150858, AA179114, W22499, AW130294, AI302234, BE301577, N29814, AI521519, AI033015, AW601699, N42506, AA808514, BF376341, BE710901, AI076514, AI097603, AA366810, H92212, T64162, AA304799, M78187, AI658559, AA232208, AW058536, BE091130, AI903900, AA232710, AA305613, AI393752, AI003412, AA657813, H63841, BE617717, AA143566, AI203740, AA143567, N50147, AI524438, F27490, AW601698, F37077, AI632386, AA319609, BF447367, BE301594, AA731107, AI765285, AA991543, AI239690, BF927447, BG025231, AA481443, AA627438, AI770138, F29157, AA404267, H14382, BE208658, W30874, BE728240, D25983, AA658165, T64291, BF359954, AA167070, BF432290, AI743174, AW674239, BE304399, BF355595, AA991539, T33198, AA991535, AW953180, BE839062, BE767250, BE092495, AI681045, AW207869, AA775347, BE617593, BE465391, BF110530, BE879215, AA179113, AA632468, H14432, BE256389, BE085119, BE270748, AI241635, AW183393, BF672618, BE537629, W46344, AA552207, BF310134, BG261043, BG007497, D50987, BE617132, BF206071, BF330903, R99416, BF370885, BF358802, BG169509, BF358799, AW410129, AK025260, AK025046, AF151907, AX015060, AX014857, AC015971, AF219226, AC068288, AC068288, AC012419, and AC012419.
HAFBB15	57	608180	1 - 1719	15 - 1733	AI378241, BG258310, BE855677, AW958055, BF196802, BE958177, BE784709, AI016431, BE855640, AA887947, AA843477, AW963766, AW026139, AI472824, AA744678, AI378170, AA767727, AI003236, AI399815, AA146803, AI081395, AI361091, N34655, AI587389, AA380690, AI080717, AA703684, AA878646, AA962414, AA661648, AA864189, AI587400, BF038644, AW516559, AA961155, AW304176, AA304344, AI983339, AV762220, BF476713, AI130008, AV760760, AW962035, AW088309, AI264094, AA487844, AV700498, AA037291, AV761207,



				AV763135, BF733132, AA635825, AI702569, AW976010, AV762783, AV762693, BE566072, BE538259, AV699709, AW600804, AA680243, BG260565, AL527073, BE541237, AU130725, AA380691, AV760685, AW243654, AV700545, AV714931, BF677884, AV763683, AI732120, AW189866, BF678427, BF826830, AV700988, AV756726, BF828714, AV700113, AA223932, BE676158, BF917486, BF913258, BG164166, BF525393, AW820787, BE071876, BE071877, AA304345, BF082842, BF339640, AW406162, BE908796, AA584482, N51635, BG027041, BF155007, BF840676, BE867712, U51704, BG032538, BE061906, AU120320, AI963600, AW975169, AI924251, AL135698, AU145521, AW953071, BF844977, BF769185, AA665449, AI038990, AI076616, AI801141, Y11651, AC005274, AC007739, AC009955, AL135927, AC007227, AP001695, AC004019, AC018751, AL031577, AC004659, AC020916, AC006077, AC008543, AP000555, AL034380, AL136179, AC006285, Z82215, AL031257, AC004448, AC010328, AC005411, AC025594, AC003041, AL163280, AC003029, AC005488, AC018637, AC005755, AC007298, AL078646, AP000553, AC002350, AL117694, AC005212, AC009228, AL034372, U91326, D87675, AC010789, AC034246, AC004765, AC020913, AL031295, AL157838, AL117377, AL158040, AL133448, AL109984, AL022320, AC003103, AF207550, AC003695, AC005412, AC008747, AC003982, AL049840, AL109804, AF235098, AL035659, AC016025, AL133211, AF168787, AC005520, AC006965, AL354696, AL021937, AF196779, AC004477, AC009756, AC004824, AF312915, AC004996, AL096773, AL445220, AJ003147, AC008482, AL445490, Z69917, AL357150, AC004841, AC002544, AL121601, AL109935, AC020750, AC012309, AC004815, AL022238, AC005049, AL355499, AL049776, AP001712, AC010422, AC018720, AC011464, AF053356, AL110502, L78833, L44140, AC011811, AL136000, U95742, AL360227, AL121845, AC027319, Z83840, AC002126, AL158823, AP001711, AL031005, AC010463, AC007383, AC007216, AL161670, AC003043, AL442167, AC005839, AC004821, AL109963, AP000512, AL357497, AC005300, AL133174, Z85986, AC005924, AL163285, AL121914, AL133551, AC022148, AC018801, AC011497, AL135744, AC008960, AP001207, AC007934, AC011479, AC002543, AL139100, AC008521, AL023799, AL135901,
--	--	--	--	--

					AC006441, AC002527, AC007055, AL133453, AC008753, AF196970, AC006449, AL009181, AL445483, AC005971, AC009180, AL137012, AL136418, AC016995, AC005288, AC006946, AL121926, AF258547, AL121653, AL033529, AC006040, AL078461, AC004166, AC026888, AL035587, AC007404, AC009502, AC011444, AL121825, AC021016, AC010462, Z93017, AC020663, AL049636, AL020993, AL121835, Z85987, AJ277662, AL136132, AC005037, AP000557, AC005251, AC015651, AL034417, AC005060, AF038458, AC011455, AL136365, AC024085, AL121747, AF254822, AC004263, AC004685, AC005377, AC005914, AC010620, AC010203, AC005056, AL136170, U85195, AB023049, AC007957, AC020914, AL138807, AC007954, AL161627, AC005531, AL109952, AC006084, AC005098, AC004000, AL009031, AC004858, AC025593, AL049759, AC009509, AC006211, AF134726, AL138787, AC006013, AL138725, AC008925, AC004796, AL034405, AC006023, AL049780, AC007546, AE000658, AC004895, AC006480, AC002425, AC004898, AC004847, AC005632, AC004386, AP001727, AL034548, AL122015, AC005522, AL109802, AC009194, AC005081, AC016620, AF088219, AC020934, AP000245, AL121655, and AC004890.
HAFBL14	58	832502	1 - 2708	15 - 2722	AV681945, BE393775, AV707348, AI310524, BG255334, AW954049, AW292959, BF439642, BE046071, AW672996, BF983667, AW338657, BE176420, BE176414, BG058638, AI904975, AW675166, AW960574, D81671, AI359989, AV724010, AI168601, AA887798, H08346, W76134, AA884661, H11971, H08347, R56814, D60404, AI572974, AA084593, AA905257, W72908, AA323809, BF030693, D81504, AI925990, AA081637, R56815, Z43073, AA830560, AL120010, BF840294, AA306604, AA055620, BF366776, BG028055, AI671677, AA196285, AA723974, T36044, AA382746, D60403, D60188, Z39166, BE936303, AC011767, and AC011767.
HAGAB62	59	588471	1 - 1080	15 - 1094	AV685350, AV686741, BF690807, BF793210, AA628971, AA583342, BG025143, AV714582, AI819853, AV694025, BF509887, BG029991, AW952438, W72055, BE892918, BF979176, AI887350, AW069598, BE245115, BE966065, AI669446, BE893079, BE897999, AA928346, BF239173, AW264574, AI245982, AI276045, AA828393, AW305033, N57490, AI399953, AI478692, AW130656, AW131233, BE645316, AA167004,

					AW131635, BF214647, AW268530, AA253240, BF215928, BF341385, W05834, AW276504, N68244, BF692440, BF240662, BF129875, AA653293, AI082346, BF245344, AI201294, AA491296, AI431699, AW196819, BF102722, AA171704, AA890295, AI061332, AI373431, BF108394, AA169501, BG105959, AI262352, AV696749, BF572369, AA683296, BF105258, AI253535, BF028690, AI831015, AW243718, BF666316, BF978610, AI128087, AA559882, AV696604, AI379246, AV684941, BF941943, AA846151, AV696596, BF132894, AW316619, AV709201, AI369009, AV696365, AI942247, AA171628, AI302629, AV689864, AV694489, AW023413, BF691266, BF571833, D29081, AW130662, BE694953, AA722978, AA961110, AW518283, BE694955, AA287414, BF217717, W76249, BF840429, AI433493, AA720906, AA463439, AA463506, BF692218, R77605, BF837075, BF027722, AI253623, AI971866, N77877, BE694951, BF028277, BF239932, R46595, AW192204, AA397433, AI924613, AA989368, R24070, BF836152, T65426, Z36865, D61228, BF130476, T15472, H43755, AI265964, AW020937, BF571091, BF572006, AI749288, D54040, AA855107, AW996167, AA327416, AW364171, R24122, BE169315, AA293843, AI378942, BF130106, BE737560, BF914603, BF382833, N47636, AA328903, C15578, AA482163, T16609, BE710533, F09478, R57190, BF977793, AA402444, BF243085, AA834097, BF573523, BF031687, BE694949, BF211601, BF691109, BE694948, AA485208, AA650077, AA658584, BF210323, R77606, BF885972, AA720957, AW380839, BF958319, and AK025746.
HAGAB83	60	823044	1 - 1825	15 - 1839	AA677626, AW021917, AI345157, AI963720, BE395137, BG223550, AU131834, AL046409, AV710482, AI284640, AI305766, BE139267, AW193265, AW970896, AI431303, AW021886, AL040054, AW975049, AW500684, AF330238, AV764307, BE139358, AA904275, AI620585, AA226584, AI783911, AI755214, BE049095, BF804385, AI754567, BF941382, AW969667, AI613280, AI345695, AA122223, AI754105, AV756491, AW500250, AV755512, AW576251, AA602906, AW270258, BF325535, AF074677, AV760937, AV710066, AV728425, AI753488, BF724372, AL037683, AI270117, AV762111, AV735370, AW302903, BE063437, AI003611, AW973992, AI345654, BG222269, AL133668, AI061313, AV763971, AW419262, AW576391, AW855730, AV725423, AV759274, AA634786, BE154617, AI054333, BF965775, AW963497, BF925233, BG236628, AI350211, BF991208,

095003 09101

				<p>           BF989483, BF792883, AL120343,            AW275719, AI244127, AV759507,            AA483223, AA657835, AI192631,            AW157005, AI829331, BF337291, BG249643,            BG164166, AA574442, BE968744,            AV758870, AI354423, T74524, AW167154,            BF736198, AV721886, AA610509,            AA904137, AU128548, AI061334, AV762395,            AL041749, AA622801, AA470969,            AV761489, AA630854, AI564454, BF809041,            AV761362, AV734666, AI307201, BF475757,            AW513015, AA457249, AI733856,            AA502991, AA454177, AA649642,            BF675678, AC010328, AC007536, Z97054,            AL035450, AL135927, AC007227,            AC009311, AC022148, AL035659,            AL133551, L44140, AC005098, AC004590,            AC005971, AC016025, AJ011930, AL391684,            AL356299, AL162505, AC006285, Z15025,            AC005207, AC018738, AC008372,            AC012627, AP000474, X54181, Z97196,            AC004867, AC007204, AC005701,            AC011890, AC010358, AC012081,            AC005522, AC002301, AC002492,            AF181668, AC009516, AC004166, AP001468,            AC005013, AC004217, AB023049,            AL008730, AL133415, AC007216, AP000047,            AC020906, AL136300, AL031584,            AC007326, AC068799, AC005089,            AL049636, Z86090, AP000115, AC008745,            X54178, AP000501, U02532, AL079340,            X54175, AC003982, AL157413, AL109920,            Z99943, AC018751, X55925, I51997,            AC010203, AL158830, AL118505, X54176,            AL035587, AC011895, U18391, AC006511,            AC011479, AP001759, AL033528, AC006509,            AC005901, AC011465, AC008543,            AF067844, U57007, AL121969, AC006329,            X54177, AF015148, AL021393, AL109976,            AL353748, AL050349, U18392, AP001725,            AC004832, AC005722, AC007207, Z84487,            AC005288, AC007461, AL133245, AP001727,            X53550, Z84469, AJ295844, AL391122,            AC016995, AL117333, M37551, U78027,            AL096700, U18394, AJ400877, Z98742,            AC004859, AC005736, AF015147, AL157938,            U57006, AF168787, AC007246, AC007285,            AC006480, AL049776, AL049643,            AC009155, AL035422, AC008569,            AC002996, AC006057, AC005088,            AF196779, AC026881, AC011489, U63721,            AC007055, AL138976, U57009, AC005200,            AC011891, Z95115, AC009228, AP000359,            AL109825, AL031276, AL022316, AL031594,            AC004253, AC005399, AC008806,            AC002347, D83989, AL354696, AL021918,            AP001717, AC005368, AC006452, AP001689,            AF111169, AC006241, AL049757, AL163267,            AL031289, AP000343, AL355136, AC011473,            AC009194, AC004150, AC004072, U18395,         </p>
--	--	--	--	---

					AL445248, AC004167, AC004821, AC006487, AC005253, AL096701, AF254822, AC005548, U57005, AC007387, AC022154, AL109936, AL121905, AC007671, X55931, AF020503, U57008, AL356747, AC005060, AC006262, AL136418, AC009001, AC011290, AC004813, U18393, AL034422, AL132825, AC005274, U95742, AC006330, AC005839, AL157791, AC004905, AC004985, AP000505, AC007620, AC022402, AL133448, AL136172, AC005899, AL163300, AL021808, AC006454, AC006989, AL109797, AC011442, AC008269, AL109897, AL161672, AC008155, Z22650, AC005056, AL078581, AC002464, AL022165, AL353700, AL033381, AL450224, AC010553, AL136137, AL049588, AL355345, AL022398, AL031121, Z69925, AF015157, AC005696, AC005598, AL359700, AL135818, AP001699, AC005217, AC011742, U18398, AC010525, AC004596, AC073299, and AC073299.
HAGAE84	61	847117	1 - 1950	15 - 1964	AW868688, BF903194, BF903192, BF947024, AL530096, BF969320, AI654555, AI968086, BF932862, AL109627, AB037753, AL109627, AL109627, AL109627, AL358794, and AL358794.
HAGAF75	62	561933	1 - 1316	15 - 1330	W74621, AA454202, AI698781, AW118630, AU153969, AI693403, AI091680, AI291680, W94325, N80093, N64659, AA045084, AA633674, R78232, N79293, AI348731, AV756074, AI611902, AI216978, AW270355, AI753365, AW086257, AI254798, BE139371, AW576389, AL138265, AV713396, BE182951, AI348302, BF769218, AA504951, N34172, N34275, AI076396, AI612152, AI540408, BF325535, AI245679, AW271917, BE676932, AI624024, AA593471, AL038909, AW088049, AL041749, AW075915, C06471, AA748121, BE072954, AA747889, AW975049, BF809771, AI053981, AU152795, AI636627, AW271904, AI345657, AI244758, AW839172, AI349966, AU144397, AW839174, AV761745, AV758600, BF832917, AI345717, AW105737, AI358229, AI915293, AV762917, AW973075, AV762030, BF436771, AL040072, AA984191, AW964231, W60516, BF982842, AU147774, T05834, AA745356, AW238127, AI078465, AA469451, BF814963, AW872729, BF882608, AW501347, AV731284, AI610603, AU145499, AW406755, BF996303, AW008317, AI561116, BE677379, AV760051, AA468271, AW402145, F17700, AA765979, AL038901, AI144094, BF850690, AI301218, AA779075, AV757395, AW939095, T40848, AW407578, BE006520, AA579184, AI873916, R45325, H81732, AU147258, AI457397, AW968184, AI049986, AI076236, AI309384, AI890348, AW024017,

0950083 091001

				AI796594, AW157005, AW968162, AA130647, AI028510, AW839670, AW063936, AL138211, AW852723, BF893477, AK023259, AC005874, AF134471, AL355392, AC073316, AL110115, AL121994, AJ251973, AC009502, AL121838, AL033378, AC004752, AF207550, AC002990, AL354861, AP000050, AC006599, AL160175, AL008725, AL118505, AC006530, AL049759, D42052, AC020552, AL139109, AF003627, AP000117, AF186190, AL031078, AC007690, AF195953, AL162584, AL133420, AC004929, AL021395, AC009483, AL021368, AL033526, AC008569, AC002430, AF229163, AC002492, AC007384, AP001718, AC020893, AC011445, AC073593, AC018641, AC022215, AC005562, AC083875, AF190464, AL031273, Z97632, AC007912, AL162458, AC021016, AC011489, AL109825, AC008583, AC007463, AL031685, AL133419, AL354856, AL136295, AP001686, AL136460, U91321, AF168787, AC005355, AL022337, AC008074, AC007686, AC005940, AL031291, AC002351, AC006334, AL133342, AC002427, AC006057, AC004832, AC006285, AL160313, AL353777, AC024584, AC011235, AC005725, AC016025, U34879, U47924, AL162424, AC009803, AP002535, AF196969, AL354864, AL031708, Z98752, Z86090, AC011479, AC007637, AL356103, AL022329, AC002477, AL020995, AL035704, AL356464, AL121901, AL139092, AC009247, AF020503, AL078624, AC004168, AC005052, AC012318, AC005585, AC016602, AC007993, L78833, AF114156, AC008050, AL049761, AC007383, AL031274, AC005177, AC016689, AC008082, AL449212, AC005324, AC005553, AC007963, AC006337, AL031727, AC008278, AC007347, AL022170, Z98304, AL133174, AL109753, AL133305, AC011465, U96629, AC010722, AL121785, AL078639, Z93016, AC010494, AL035461, AL031073, AL121751, Z82244, AC003013, AL355296, AC002070, AC008125, AL163249, AF131216, Z29373, AL137818, AC005165, AC007358, AC008720, AL132855, AC007845, AL121758, AC004021, AC005235, AL035413, AC005837, AL137802, AL157713, AC006312, AL023513, AC005722, AC006205, AL139289, AC005632, AK023944, AC003695, AC022401, AC023511, AL034379, AC007298, Z82180, AL133246, AL357519, AC008403, AC005578, AC004230, AC006063, AL137067, Z81370, AC019187, AC002525, AC007386, Z99127, AL121981, AL445143, AC004253, AC026122, AC005069,
--	--	--	--	--

					AL049575, U52112, Z82188, Z95114, AL157363, AL139396, AC002073, AL138725, AC006390, AC009531, AC005581, Z95624, AC002091, AL353799, AC007221, AC068811, AC007655, Z97056, AC005972, AC009123, AL049861, AC007375, AL137073, AL121656, AL365444, AL136382, AC002045, AL117354, AL138721, AC002544, AC012150, and Z82206.
HAGAK40	63	731929	1 - 1490	15 - 1504	BE646470, AA968556, AW804902, AI309292, AI971924, AA309871, AW272389, AW962971, AW275432, AV761676, AI733523, AW021399, AW008217, AW855527, AA525753, BE077105, AW162314, AI572680, AW020094, AI860423, AA720582, BE073116, BE138690, AW173443, AL036896, F29968, AA584493, AA640104, BF880881, AW069227, T49633, AI290405, D80628, AA858433, AI049845, AV763460, AV757180, AA601376, AW162332, BE676856, AW169183, BF725837, AI797998, AU158606, AU155104, H81406, AI031759, AW238341, AV717715, AA584241, AV763951, AI634187, AI299891, AI745666, AW277000, AW813589, AA526542, AL044701, AW277093, AA604149, AA595661, AA577706, AV759234, AA507499, BE155099, H77492, AI570067, N49298, BF871414, AW957502, AI457313, AI174703, AA630476, AI144125, N70293, AW674631, AI590404, D80627, AW979200, BF525663, AI499954, AA661583, BE782865, AV763877, AC067969, AC002470, AF053356, AL353701, AL445687, AC006121, AC018801, AP001667, AP001714, AL353807, AC009228, AC004834, AL109827, AC020904, AC008753, AL049843, AC003110, AC011455, AC005233, AC010082, AC005082, AL157372, AL117336, AC007040, AL161907, AL031847, AC009484, AC018642, AC005696, AC004983, AC005914, AC027319, AL136418, AL355385, AC011479, AC016995, AL050335, AL121712, AF001551, AC011444, AL133387, AL121903, AL158040, AL135927, AC007227, AL109758, AC002565, AP001207, AC004820, AC005529, AC006088, AC002404, AL158830, U91326, AL139095, AF129756, AC004663, AL136097, AF111168, AL022163, AC004099, AL109923, AC003007, AC003665, AC008747, AC005011, AL121653, AC005516, AL159168, AC004383, AC008745, AC011453, Z99128, AL133255, AC020917, AL138743, AC008985, AC005484, AL049636, AC007358, AC010271, AP000503, AP000356, AC000025, Z99716, AC010205, AL137139, AC019227, AC016597, AP000152, AC006449, AC006511, AL049776,

					<p>AL137802, AP001435, AC004847, AC004821, AL135798, AC002553, AC005095, AC002364, AC020552, AL137119, AC000353, AP000105, AP000037, AL122001, AP000272, AC005527, AL139327, AC010677, AL356299, AC005409, AC020916, AP000008, AC083871, AC006330, AL035684, AC007371, AC006084, AP001660, AC024082, AC004089, AC002350, AL132653, AL353804, Z95327, AL138836, AC002996, AC004826, AC005052, AC011442, AC005632, AC005284, AC009032, AC006345, AC020906, AC007308, AL133467, AC005972, AC005343, AL117258, AL109952, AC018719, AJ003147, AC009060, AL031589, AC004025, AF134726, AC004659, AC004638, AC011895, AC010422, AC007383, AF317635, AL022326, AL136300, AC008518, AL391259, AC009194, AJ006345, AL022302, AL035405, AC022148, AC007993, AP000359, AC007956, AC006349, AC005048, AL022316, AL022323, AL109627, AP000511, AC008752, AC005618, U91327, AL499628, AL358777, AL109743, AP001728, Z83838, AD000092, U82671, AL096701, AL121601, AC008784, AP001743, AL133163, AC008555, AL139343, AC005274, AC009516, AC005971, AL138756, AF207550, AC008083, U52112, AL354696, AL353653, AC004098, AC006160, AL121586, Z83844, AL022165, AP000962, Z95116, AC006261, AL021707, AP000704, AC011465, AL031282, Z95114, AF196779, AF168787, AC005881, AL132713, AL034343, AL031311, AL133448, AL354680, AJ011930, AP000140, AL050349, AL163300, AC009244, AC007739, AC010458, AJ009616, AC004824, AP000552, AC009123, AC005411, AC005668, AC005726, AL035422, AL445248, AL117381, AC008733, AC005257, AL031985, AC004019, AC004965, AL034400, AC007565, AC005091, AC015853, AF196971, AC024085, AP001711, AC005666, AP002352, and AP002352.</p>
HAGAU43	64	844223	1 - 1814	15 - 1828	<p>AI672383, AA843868, AA890401, AI638876, AA902665, AI685746, AI085890, AI745556, AI373565, AA708883, AI801505, AI917132, AA732253, BE066244, AA557945, AW407220, AA485699, AA225652, AA120920, AA773291, BG023979, AL040009, AA664942, BF821279, BF740938, AU144477, W01639, R97657, AI572680, BF764268, AA934825, BF764113, BF763390, AA848003, AW247866, BF975979, AA747748, AI049788, T40388, AA728978, AV740105, BF813860, BG058309, BE072368, AW793601, BE245594, BE244722, AV759337, AW963489, BE243879, N57681,</p>



				AW962508, AI791131, N95099, AI719985, AV759112, AW962628, AI444575, AV759290, AI791130, AV762852, AV760360, AV761769, BF526832, AV727766, AI539776, F16133, AI886282, AA368903, BF542125, AI553670, AA094723, AA069473, BF687998, AA485563, BE045178, N74876, AI302917, F27846, AA640104, AA804808, AU158222, AA745507, BF917819, AA588001, AI370592, AI133656, H17602, AU116949, AW130748, BE148392, BF970043, AA640305, AW082432, AI275742, AA837256, M77981, AA482725, AA702717, AA501655, AI708275, AI061205, AI569389, H64579, AI357052, BF530611, T07878, AI537458, BG055660, AA485831, AI635245, AW768489, AA653292, AA744172, AI982736, AA838141, AI453476, BG152612, AA579724, AW021674, AC078843, AF107885, AL049697, AC011235, AC005154, AC024084, AL109925, AC002542, Z69917, AC012472, AC018716, AL022162, AC016751, AC005091, AC004381, AL162615, AP001710, Z73496, AC005153, AL078602, AP000130, AC006084, AP000208, AL137853, AC007130, AC007963, AL023656, AC015600, AL160058, AC004820, AC006061, AL445495, AC007722, AL356240, AP002015, AC009480, AC007066, AL161622, AL121891, AC009531, AL137009, AC005005, AL136171, AC006966, AC002287, AC004968, AL049552, AL160231, AC005826, AL137818, AB016897, AC021037, AC005215, AL080317, AC009314, AL096793, AC007220, AL162581, AC005075, AL358293, AL049872, AC010311, AC007057, AL033529, AL009173, AL031276, AC008066, AL136980, AL021937, AF130249, AL031577, AC018633, AL358133, AC025442, AC008536, AC002543, AC005011, AP000884, AC021019, Z82184, AP001707, AL033527, AC004098, AC005228, AC002302, AC008772, AL135928, AL121926, AC007347, AC009509, AC009803, AL358777, AL132996, AL133243, AC004125, AL163206, AC004849, AC022073, Z84487, AC008015, AL356311, AC009404, AL031846, AC016594, AL034400, AC015853, AC069248, AC006430, AF205588, AL034371, AC005089, AL139150, Z99571, AC017100, AL133545, AL158206, AF107045, AL133500, AC010134, AC084239, AC005105, AL031274, AL023655, AC006543, AL035464, AP000354, AC005669, AC004508, AP001728, AC001226, AL356739, AC002364, AC006544, AL159168, AC010092, AC008727, AC007387, AL133411, AL050335, AL445195, AC013417,
--	--	--	--	--



					BE535184, AW674183, BE708419, BE645731, AA758645, AA852564, AW242274, AA319251, AI636714, AI252761, BG034233, AW370243, W23526, AA329768, AI638543, H88250, AA828661, AW892780, AA515978, AA484109, BF475694, H20563, AV659755, H92573, AA344838, H06499, BF806499, R81779, BE551023, AI150811, AA946661, AA363535, AA127583, AA327662, AI865037, H92241, BG001049, AA039921, N67614, BF812915, BF131822, AI864811, AA327727, BE000502, AW189781, BE905010, T35652, AI351118, T34353, T35651, AI444608, BG001056, AI269532, AI312395, AI306042, AI312389, BE139669, AI345216, AW074801, Z21879, AI312393, BE139314, BE049024, AW271153, AW301923, BE139288, AA248241, BF213585, BF812640, BF821827, AA382507, BE881690, BF031871, AW366289, M86068, T35978, BF155218, AA205183, AA788630, AA089464, D25654, BF111779, BG027078, AC009247, AF057159, U61267, U68063, Y08948, D49708, X80232, AC009247, AC009247, and AC009247.
HAGBL31	67	679582	1 - 1444	15 - 1458	AI500575, R36673, C15968, BG008548, AC005037, I32741, U40268, U27459, AC002565, AC002369, Z82178, AP001746, AC008506, AC018682, AC004988, AL023284, AL161802, AC018662, AC003012, AP002898, AC004129, AC007383, AL109804, AC002352, AC015555, AC007436, AC005868, AL035685, AC003037, AL031687, AL357153, AL136218, U91321, AC037455, AC037455, and AC037455.
HAGBO09	68	853357	1 - 1524	15 - 1538	AW328331, BF725884, AW970571, AV763026, AV763058, AA714011, AL042667, AL042670, AI755202, AA535216, AI066646, AW970940, AA515048, AI216990, AI801505, AA828637, AA773463, AW962006, AW969667, AA714110, AL038842, BE062159, AA828834, AI753488, AV762633, AI085867, BE062476, AW958962, T47138, AW504224, AA847499, F35374, AW023111, AU146342, AA584862, BF826830, AW769151, BF876683, AW026305, AV755654, AW674258, AV744179, AI421950, AI419337, BF771349, AV715310, BG110480, AW575605, AI587565, BE155951, AW970987, AW328202, AA648957, F25761, AA829044, AW504458, AV730824, AL135377, AW969831, BF525663, AV723671, AI361090, AL119691, AI590485, BF771774, AW341978, AL119921, AI123396, AW962335, AA809546, AI049845, AA513851, AV757289, AI133083, AV734401, AI355559, AI801482, AI434037, AW021917, AA658918, AI064786, BG056362, AW970877, Z83840, AL024498,

				<p> AC022401, AC004150, AC004253,  AL109921, AL132777, AC004797,  AC007216, AL353807, AL122001,  AC005940, AL135927, AC007227,  AC006449, AC006538, Z95113, AL034417,  AC007308, AC002470, AL136087,  AC008616, AL136418, AP001718, AL035416,  AL136303, AC002546, AF001550, AL445483,  AL035249, AC005088, AC020916,  AC003982, AL450226, Z84466, AC008745,  AL139099, AL137039, AC005015, AF205588,  AF051976, AC010271, AF165926, AP001717,  AC002425, AL121586, AC005229,  AL096840, AC011742, AC000025,  AC008560, AC004824, AC011497,  AC011450, AL159168, AC007405,  AL133163, AC004084, AP000555, AC004882,  AC009311, AL049537, AC011464,  AC021016, AJ277546, AL158824, AC005098,  AC002126, AL353653, AC004089,  AC011469, AL031772, AC005527,  AL132765, AC007263, AL050335, AL117337,  AC005531, AL121653, AL137802,  AC005081, U95742, AL133448, AC004884,  AC022534, U91321, AC010643, AL049776,  AC005736, AL022316, Z84469, AL034429,  AC006390, AL133395, AC004905,  AC008270, AC004596, AC005695,  AF001549, AC005666, AL031000, AC004859,  AL138717, AP000557, AC010422, AC008649,  AC006487, AC011514, AF168787, AL034372,  AC006312, AC002472, AF111167, AL139286,  AC006345, AC004166, AC008569,  AC005071, AC012081, AC008536,  AP000115, Z97632, AC008738, AC004707,  AL139390, AC018641, AL356299,  AC006511, AC008626, AC006077,  AC005324, AC011811, AL022336,  AC008770, AL035398, AL133396,  AC007225, AC008018, AC002480, U91323,  AL049757, AC005318, AC007030,  AC083866, AL033529, AC005192,  AL109743, AC002430, AC009480,  AC004383, AC005486, AL158830,  AX039602, AC011475, AC004156,  AC008786, AC022148, AL031669,  AL034553, AC008760, AC007384,  AC002316, AC008812, AC005697, D86992,  AC020904, AL031295, AL109798,  AC004675, Z83844, AC004791, AC068799,  AL023553, Z85986, AL121890, AC003956,  AL135744, AC007664, AC007221,  AL078581, AL121899, AL118520, AC005821,  AL022327, AC009470, Z98884, AC004840,  AC004033, AC005200, AL136179,  AL049856, AC005387, AC007957, AF045555,  AC007193, AC005620, AC008551,  AL035455, AC005562, AF088219, AC011479,  AL035413, AL008725, AF001548, Z98304,  AL137119, AL139333, AF111168, AL139343, </p>
--	--	--	--	---

09950083-091204

					AL031283, AC005522, AL096870, AC004814, D88270, AL033520, AL049692, AC004534, AC004494, AC007011, AC002310, AC007388, AC019171, AC008806, AC005011, AC004455, AC006333, Z98742, AL365444, AL033392, AC005236, AL353643, AC003663, AC006252, AC008395, AF111169, AC005529, AC005726, AL161445, AP000547, AC007738, AL096701, AB016897, Z99755, AC004832, AC002351, AC034242, and AL137783.
HAGBO12	69	601431	1 - 543	15 - 557	AL042373, AA410788, AL044340, AW819125, BG059314, AI821931, AL036665, AI279417, AW969743, AW995323, AI275982, BE138484, AA833875, AA833896, BG000961, AI733856, H05940, AV764259, AA640986, BF809041, AW341978, AW419262, AV759149, AW805539, AI457397, BG180976, AW575000, BF839844, AW955841, BF725884, AI357823, AW963444, AI612142, AA297145, AW303196, AV759203, AW571963, AV710482, AV764034, AV735495, AI523316, AI908552, AW301350, AW274349, AF075343, AI821714, AI791913, AI003972, AI792133, BF821897, AI620808, AI431303, AL041894, AA483606, AA579179, AV742057, H73550, AW166808, AI583252, BF916934, AL049870, AF111167, AC008806, AL122013, AF196969, AP001731, AL008634, AP000547, AC002288, AF241734, AL033525, AC002394, AC007782, AC004856, AC021752, AC004067, AC005902, AL023096, AC035150, AC007182, AL079340, AL365505, AC006213, AC012055, AC004552, AC009363, AC023473, AL049570, AL163283, AL109853, AL391839, AL133260, AL031284, AC004025, AC006840, AL035691, AC019055, AP000162, AC005233, AL049778, AL132670, AC008372, AL355984, AC004864, AC006061, AC005682, AC083874, AC007920, AC004963, AL031300, AC026179, AL136226, AC002429, AC004941, AL049838, AC005971, AP001671, AL078639, AC004825, AL133320, AL049569, AL138759, AC004837, AC006000, AL137009, AC010389, AJ003147, AC002981, AL357153, AL049589, AC005899, AP001687, AL021578, AF314058, AC005295, AL021877, AC009024, AC010000, AL133383, AL162293, AC007956, AC011422, U50871, AC023158, AC009479, AC022173, AL135960, AC026184, AF017104, AC007102, AP001674, AL109939, Z98884, AL022337, AC019210, AC004087, X87344, AC003015, AC007036, AL162831, Z98051, AC018504, AC068313, AC009362, AC058791, AC007395, AC005531, AL133238, AF165926,

					AC005186, AP001667, AC005375, AC005274, Z97205, AL352984, AC069277, AB020868, AL158824, AC034207, AC010198, AL133467, AC005303, AC007786, AC022274, Z93023, AC009721, AC083864, AC006112, Z97054, AC015550, AL390027, AL121871, AJ131016, AC024154, AL008729, AC002377, AP000705, AC016593, AL121898, AC006967, AC013429, AL133153, AC002449, AC005993, AL022158, AL121974, AL354811, AL445490, AL133405, AC007919, AL133325, AL133387, Z95703, AC009046, AL160191, AC021070, AC005215, AC005527, AL031906, AF064866, AC018897, AC007030, AL034373, Z98200, AC005996, AP002529, AC024082, AC005529, AC008379, AL049832, AL133545, Z84481, AP000108, AL121757, AC007158, AC002365, AL021368, AL357041, AL121881, AP001681, AC005539, AC077690, AC079033, AC055736, AL136137, AP001746, AL136520, AC005537, AC005919, AP001692, AC019117, AC010460, AC004051, AL163281, AF238375, AC011200, AL160397, AC084732, AL121910, AP001679, AP001538, AC004106, AF003529, AL035411, AC024947, AC006924, AL355305, AL137222, AC005796, AC004972, AL359173, AC005540, AL122003, AC008085, AP001677, AP000085, AL008633, AL031672, AC006299, AC002352, AP000240, AC018641, AC007099, AL138828, AL109810, AL023280, AP001256, AL160192, AC004999, AL121930, Z84480, and AL442166.
HAGBO51	70	701965	1 - 1554	15 - 1568	AV725643, AW138670, AI418999, H99667, AV724847, N23660, N47443, N49957, N49972, N28419, N48335, N49060, N34714, N52712, Z40380, N47442, N50103, Z44455, N52748, AC011504, AB002388, AC011504, and AC011504.
HAGBS89	71	846292	1 - 1214	15 - 1228	AW327801, AI732720, AW023975, AW084445, AL042667, AL042670, AA916430, AI801563, BE328286, AW026305, AI421950, AI419337, AW963450, BE154381, AW968167, AA995373, AW771062, AA282951, AI361090, AI025355, AV758870, BE245594, AA584765, AA658886, AW068596, BF876261, AI571161, AW105463, AI734119, AF030453, AC005088, AC005087, AC020917, AL445490, AD000812, AC005486, AC010458, AC007375, AC002126, AC004883, AL136979, AC011811, AC027319, AL049843, AC007383, AL135901, Z82201, AC005911, AL139039, AP001727, AL022165, AC005067, AC021999, AC020913, AC004826, AC004263, AL021391, Z86090, AL031311, AC004846, AL109653, AC006345,

					AL137802, AC006013, AL021878, AP001718, AC004598, AL353804, AL109935, AL021707, AC007404, AL135749, AC004867, AC020934, AC005670, AL160175, AC020663, M89651, AC011475, AL138878, AC005696, AC005037, AC004671, AC005038, AC004878, AC005779, AF243527, AL138894, AC008569, AL022315, AC008745, Z85996, AC002133, AC009032, AP001605, AL133387, AL035461, AC004815, AF207550, AL136304, AP000553, AC005365, AL133467, AF109907, AC008750, AC004797, AL096701, AL161936, AC024247, AC004929, AL136137, AC004166, AC010271, AL109827, AL008582, AC005206, AL359457, AL050335, AP000116, Z82184, AP001699, AL050309, AC004685, AC008264, AL121928, AC006120, AC005667, AC021036, AL023803, AC009455, AC002395, AC004966, AC005756, AC011445, AC005358, AL021917, AC005244, Z93244, AC005738, AL157713, AC005011, Z83844, AC009311, AL049812, AC004673, AL035587, AL161757, AL133448, AC003689, AL135744, AC005031, AC006261, AP000046, AL079342, AC011491, AC007391, AC005859, AC004386, AP001715, AC011530, AC018644, AL133551, AF134726, U80017, AC007686, AC004971, AC011479, AL133246, AP001720, AC008599, AL135783, AC002991, AC002310, AC009244, AC008379, AC020754, AP000501, AF217403, AP000096, AC011484, AL121983, AC011508, AC003663, D84394, AC000115, AP001728, AC025447, AC020906, AC009470, AC006487, AL109984, AC023105, AC008044, AC005701, AC010077, AF196779, AC005594, AL139188, AC008403, AL139099, Z93015, AC005483, AL034400, AL022316, Z98949, Z95115, AC005913, AC079045, AC006441, AC004477, AL031281, AL133163, AC005540, AC005225, AC008784, AL136305, AL121751, AF148460, AC007957, AC019099, AC005098, AC005516, Z99943, AC005048, AC005003, AC004655, AC005522, AC024083, AC010267, AL117348, AC009004, AL031589, AC007956, AP000240, AL121886, AC004824, AL080317, AC005231, AC005081, AL136418, AC007630, AC005082, AP000425, AP000425, AC069291, and AC069291.
HAGBV06	72	701966	1 - 1701	15 - 1715	Z78400, BG028169, BG254596, BF217849, AA218857, AV701245, AV717278, AA195389, BF035193, BE568698, AW022929, AA224200, AA173089, AW378198, AW362624, AI693195, N32553, AW378185, AI400569, AI809750, AW157635, AA888859, AA812760,

					<p>           AW021100, AI400562, AA919124, AI904871,            BG033115, BE514594, N35233, AA969428,            AI361898, AW262629, AA719937, N27561,            AA430476, AI554832, T56139, AW594046,            AI633132, AI422415, BF028958, AI401356,            AA219631, AA489352, AA626772,            BG105618, AA401051, AA405601,            AA602348, AI096446, W93879, AA653791,            AI074258, AA393699, AI678728, AI261890,            AI298961, AW768592, AI290590, N42556,            AI828363, AI564018, AW268595, AA629255,            AI690042, AW664495, AI298401,            AW305257, AA400999, AI078830, AI817899,            AA883787, AW768619, AW613895,            AA010137, AA620723, AI298296, AI624174,            BF082096, AI298299, N27560, AI500513,            AA704177, H14404, AA309514, BF571142,            AI383326, AA907786, AA610578, N40381,            R99805, BG115579, AI379292, BF769069,            N31829, AW378174, AI344542, AA053197,            AI561124, D53662, AA053111, AI762945,            D55214, AI014963, AV701485, H68855,            AA583502, BG169602, AA807616,            AV701141, AA300693, AV701100,            AV701093, AI989944, T56877, AA010138,            AW884015, AI080719, AA716364,            AW591043, AI888740, AA252945, AI167289,            AI080436, AA130566, AI282160, AA554490,            R61300, AA886577, AA001882, AA361666,            BF769934, AI358665, R59756, AA704271,            AA121377, Z21699, AW105444, AA130243,            AA496713, AA608941, AV717877,            AW369846, AI286330, AW369824,            AW169769, R34888, H47037, T32743,            AI803653, AI633561, AA253070, AI307180,            AA354810, D59402, R99806, AW844754,            AA669451, AI702034, AA343115,            AW511152, D51336, AA295352, BE769312,            AI613460, AA524103, N41897, AA496770,            AA379607, AI016830, T56106, BF954188,            AA848044, AI708196, BG032865, H14356,            AA620954, BE769348, AA853080,            BE769144, BG056996, AA913420, AI698323,            H46500, AI016961, AW102747, AA861466,            T98078, AA853079, AW176136, AA299446,            N88345, AA913877, AI379961, AA853661,            AA133924, AA379971, BE857305,            AA379673, AW378181, AI918455, R36913,            N44896, T56876, AA300876, AW026823,            AW149752, T98000, AA455732, BE887571,            BE674537, N89010, AW592357, AI191750,            AA300752, AA382215, AB040373, R49272,            AI032903, AA232295, BE169662, H06494,            AV737421, BF754089, AW804669,            AW804980, AA853660, BE858420,            BF028878, AI814435, H68856, AW999958,            T32370, T32369, BE713234, AW176046,            AA074453, BF768909, AW196070,            BE825912, N64266, BE936365, BE938798,            BF768774, AA121554, BF088025, BE502448,         </p>
--	--	--	--	--	---



					BF088021, AK027137, AK024987, AF192784, AF192793, U41315, U41316, AL031686, AF192785, AF192786, and AC023331.
HAGBV25	73	838174	1 - 1882	15 - 1896	AL529008, BE515260, BE883668, AW954489, AW080196, AI983315, BF334314, AI623984, BE715946, AW510817, AI948729, AW118639, BE550687, AW015052, BF838797, AW027261, AI022855, BE815265, BE673761, BF838798, AI290713, AW264049, W26314, AI870376, AW453054, AA936381, BF513488, W27386, AI419230, W25815, AW243987, AI335656, BE644989, AW338467, W60767, N50686, N50770, W60706, AA683604, AI467875, BE901070, AA366242, AI748811, AV691292, AA533514, AI247878, AV689063, AA669692, BE067609, AA852777, AV686532, AI400936, BF516170, AI245377, AA009572, AA377771, AV686537, BE219286, BE677754, AI701600, BF832794, BF949265, N72448, AI636601, AA248947, AA573975, BE166057, AI870365, BE326604, AW070952, BF352156, AA725156, BE792604, BE618204, BF831062, BG104740, BE062973, BE062966, AW582272, AW582273, AW582266, AW856038, AW582277, AW856044, AW391286, AW391297, AW856091, AW861042, D25625, BF334419, BE149815, AW856186, AW391294, AW605980, AI424144, AW605984, BE062987, BE062994, AA861306, N46789, AA573600, BE062969, AW362631, AW605974, BE149710, AW291179, AW856301, BE062984, AW815346, BE062971, AA934441, BF035605, AW391292, AA852778, AW605970, BE150208, BE150206, BE150219, BE150223, AW379898, AK024693, AC002550, and AC003108.
HAGBV29	74	837203	1 - 2061	15 - 2075	AW954632, AA505108, AL038473, AI732911, AW854353, AA831913, AW600804, AU156695, BF346320, BG258140, AA224525, AA736713, AW102955, AA572983, AA491955, AU122155, AA576786, AW954624, AL532829, BE410485, AV764406, AI791227, AA757426, AI281401, AW970987, AW269504, AI538404, AA135386, AP000065, AB022785, AC005080, AC004878, AC010458, AL022318, AC005052, AP000133, AC007880, AP000211, AL138756, AL109797, AC019187, AC005071, Z96074, AL136981, Z83846, AL136305, AC007386, AC007225, AC007956, AC004867, AP000501, AC004448, AC013434, AP001330, AC004985, AL133240, AC010201, AB023048, AL024498, AC008733, AL136300, AC002492, AJ003147, AF196779, AC009756, AL109897, AC009194, AC007345, Z77249, AL133382, AC006948,

09950083 091201

					AC003009, AL356244, AC018641, AC005277, AC005324, AC005703, AC008556, AL079303, AC007899, AL135978, AL050335, AC005236, AC006013, AL022163, AL008718, Z98051, AP001713, AL096708, AP000563, AC004890, AP001719, AC018755, AL109976, AC007842, AC004659, AC006958, AC009032, AC004832, AF003529, AC004125, AC002527, AC004804, AL031848, AL121655, Z97985, AC008896, AC005047, AL008710, AC006337, AL138706, AC004673, U80017, AF001550, AL163201, AL022322, AC007207, AL132653, AL078581, AC011450, AC008372, AC004963, AC008555, AL133353, AC004552, AC003037, AL121890, AC011455, U96629, AC012085, AF001549, AC012384, AL121755, AL034550, AC004905, AL355499, AC003093, AL354696, AP001712, AF205588, AC005768, AL133163, AC004874, AL033397, U95740, Z97353, AC006515, AL163249, AC011491, AL096791, L78810, Z98941, AC009953, AC008738, U82828, Z84466, AL034549, AC010677, AC008040, AC011290, AP001720, AC005996, AC010203, AC006430, AL133344, AL022313, AL096840, AP001730, AC008569, AP000511, AC011484, AC013429, AP001715, AF254983, Z83838, AF111168, Z86090, Z83844, AP001727, AF045555, AL034400, AC011495, AC007919, AP001710, AL136097, AC009134, AF235098, AC003101, AC004881, AC002504, AL163209, AC024561, AC005103, AL365315, AC083875, AC002303, AL355497, U85195, AF126403, AL031584, AL022721, AC004158, AC010632, AC009506, AP001711, AP001693, AL049760, AE000658, Z95116, AC009399, AL121749, AL022476, AC007969, AC008736, AC011497, AC022392, AC004884, AP000359, AC007182, AC004883, AL035400, AL353748, AC007686, AF047825, AC020977, AC005209, AL352984, AL137012, AL031433, AC018644, AC009336, AL078461, AC004166, AL121656, AL391122, AP001706, AL137129, AF003627, AP001670, AC008651, AP000039, AL050318, AC018801, AC008969, AP001705, AL035404, AC004966, AC011473, AC004228, AC006071, AC002072, AC005038, AC009721, Z93015, AL135924, AC003695, AL353807, AL159168, AC005193, AC007051, AC009244, AL035413, AP000065, AP000065, and AP000065.
HAGCC87	75	638587	1 - 1578	15 - 1592	AA587370, AA351604, AA661545, R22639, R22638, R18189, AA650370, A1459585, A1810301, R17880, BF434228, BE811111, BE701381, AA572974, BF857849, T50676,

				<p> AL120282, AW168846, AI192440,  AA714288, AI268019, AI745335, BF681619,  BF828236, AU117483, BE147135, AA503298,  AW513071, BE675695, AI811846, AI203527,  AI079823, AI826761, AA634991, AI355007,  AW769654, AI249365, AA704040,  AA602951, AA652834, AV762430, W02749,  AA836552, AF236698, AA492105,  AA747977, AA948670, AI523316,  AW337805, AI565126, AI610737, AA405726,  AW512528, AI499954, AW013787,  AA565232, AI917636, AI869797, AI133083,  BG056992, AI887235, AA483075, AI366555,  BE906142, AA425924, N33184, AA282951,  AA773473, BF868994, AA833896,  AA775188, AA251356, AA833875,  BF845126, T17332, AW589345, AA736488,  AW747980, BE677126, AA713705,  AA904211, H91062, BF991881, AW194325,  BF447461, BF032064, AL118612, AL034430,  AL138878, AL133332, AL117380, AL161725,  AP000143, AC004650, AL035086, AL022393,  AC004166, AC024167, AL135960, AJ131016,  AL035683, AF196969, AP001695, AL049795,  AP000090, AC002542, AL118525, AC003962,  AC004540, AL022238, AC003665,  AC005042, AC007597, D87675, AL117187,  AC004662, AC010223, AC000379,  AL161670, AP001694, AC004820, AL035594,  AC004776, AC008537, AL138759,  AC002312, AL360270, AL031663,  AC006213, AC020923, AL031726,  AL355385, AL138761, AL360089, AC000085,  AL109938, Z86064, AC006511, AC004987,  AF168787, AC023600, AP001718, AP000171,  AP000056, AL031774, L78833, Z82190,  AC034186, AL031319, AP000124, AL121902,  AL133418, AL121997, AC005856, AL137800,  AP001706, AL163210, AL050349, AC006251,  AC023510, AC005913, AC007367,  AP000330, AL031427, AL033378, AL031577,  AC006455, AC005047, AL031584,  AC008685, AC006039, AC009499,  AC005091, AC005924, AL031123,  AC002044, Y10196, AC010340, AC003108,  AC006023, AC018686, AC006928,  AC007130, AL117330, AL031594, AL118520,  AL121929, AC005358, AL445590, AP001728,  AF205588, AL034372, AC005098, AP001432,  AC005065, Z95116, AP000462, AC007955,  AP000151, AB017654, AC005343,  AC018641, AL117337, AL034421, AL080243,  AC022469, AL031295, Z86061, AC007458,  AL049832, AC012519, AL022069,  AC004167, AC005099, AL138876,  AC006460, AC004477, AL445217, AP002015,  AL138958, AC004802, AC007254,  AC016579, AC018752, AL022329,  AL133453, AC007270, AP000469, AC003043,  AC005971, AC009032, AC004911, </p>
--	--	--	--	---

					AC034207, AL356057, AC009482, Z98200, AP001708, AL391839, AL137072, AC015971, AC010553, AP001717, AP000567, AC005553, AC006530, AJ010770, AP000496, AC005840, AL136984, U95740, AC002059, AC016576, AL050307, AF246631, AL049823, AP002898, Z85995, AL034449, AC068812, AC006966, AL132825, U78027, AP000094, AC004651, AL139295, AC002394, AC002477, AL022726, AC006305, AC007436, AL035668, AP001715, AL358337, AC008551, AL121896, AC003029, AC003661, AL035422, AL137794, AP001690, AL133545, AC011811, AL359218, AL356020, AL354864, AC004817, AL049776, AL135978, AL138997, AC007744, AL354872, AC004867, AL031905, AP000010, AL163541, AL023584, AC011470, AC004816, AL158159, AC008474, AC009330, AL049636, AC005034, AL049643, AC008924, AL031177, AL009172, AC000015, AL139352, AC009542, AL031670, AL121581, AL365271, AC007098, AC002289, AP001720, AF002223, AC004006, AP001685, and N55064.
HAGCH67	76	561934	1 - 1310	15 - 1324	AI701468, AA015989, AF164115, AF164115, AF164115, AC022893, AC022893, and AC022893.
HAGCI69	77	560596	1 - 1200	15 - 1214	AA004654, AI474085, W95976, AW410116, AA714595, AV738942, BF980463, AV755494, AW303196, AW301350, BF797630, AI538433, AW974664, AL079843, AW274349, AI830390, AL138242, AA077817, AW440662, AL037554, AV759604, AW513362, AI370475, AI653636, W95841, AA557879, BE063025, BE147093, AI312309, AW974890, AV700888, AU137841, AL041733, AW872729, AW105737, BF915839, AI537185, BE180636, AV652936, BE018774, AW502975, BE147117, AI872227, AW662543, AU144324, BF826517, AA558697, AW772780, AA493508, AW873225, BE180633, BG166851, AV730307, AW193295, AL049868, U91326, AL050328, AC016644, AL050320, AC009743, AC005193, AC009533, AC006132, AC012442, AC006251, Z82208, AL121585, Z69714, AC006288, AC005564, AC002429, AC007679, Z93016, AC002544, AL049795, AC021036, AL034420, AL138718, AF031076, AC011504, AC005159, AC004987, AL161420, Z93015, AL356801, AC010489, AF280107, AL078586, AC006137, AL031983, Z97054, AJ277662, AL133332, AC005514, AC012467, AC007751, AC008616, AP000476, AL137802, AL356010, AC011510, AC008848, AC006254, AJ251973, AC008872, AC003998, AC005231, AC005789, AC003051, AL360178, AP000555, AC003658, AC022432, AL137790, AL135791, AP000034,

					AL132673, Z83840, AF196779, AC073504, AP000954, AP000500, AC005703, AC004990, AL138721, AP001724, AC002314, AL359894, AC000094, AC008635, AL031587, AC000134, AC010329, AC012599, AC006065, AL157879, AC007151, AL160176, AL353573, AP000217, AC006059, AC007432, AC005215, Z99128, AC011497, AC003693, AL117332, AF317635, AC007878, AC005781, AC005900, AP001690, AL353194, AF169121, AC004755, AF225899, AL079340, AP000688, AL139396, AC000120, AC020945, AC004672, AC005839, AC053513, AL033379, AL031007, AK021711, X52851, AC004493, AP000044, AP000112, AC020904, AL021394, AL121655, AC020663, AC007551, AF031078, AL158064, AC005341, AL035658, AP000553, AJ009611, AC003968, AB014085, Z84474, AJ006345, AP001677, AC007510, AL096862, Z98884, Z84572, AF030876, AC002984, AC004187, AL008726, AC010289, AC005483, AL049761, AC008267, AL109800, AC002369, AC009487, AL138820, AC006256, AL160237, AL035423, AL139100, AX035941, Z92844, U07000, AF126403, AP001725, AC019221, AC011489, Z97198, AC012384, AL122013, AC005520, AC004240, AC007283, AC004417, AL049757, AL109965, AC004750, AC004467, AL021393, AL391415, AL035495, AC020728, AL121888, AL008708, Z98258, AC013436, AC004647, AF015155, AP001713, AC004534, AC083863, AC016612, AL136969, Z93241, AF205207, AC027319, AC010271, AC011453, AL133387, AC006441, AC004971, AL031714, AL133467, AC004662, AF252830, AC006484, AL031722, AP000515, AC019082, and AC068189.
HAGCT33	78	751796	1 - 1324	15 - 1338	BE670654, AA452395, AA452164, AI276979, BE696850, AA813505, AI142464, BF739318, and AB011104.
HAGCZ70	79	747697	1 - 1672	15 - 1686	AW937022, AA812084, AA837152, T62870, AA174108, BG028665, BF031162, AI114657, AW151541, AI355572, BF679761, AW275432, AA744021, AL043745, AA101744, AV734401, AL036896, AW080062, AI952885, AU118837, AA157876, AW500071, AA524604, BF527620, AI521525, AA720582, AI224583, AL134338, AA595661, AI439525, AI433952, AI090377, AL046457, AI523205, AA019793, AV683406, AV759851, AA493808, AI926102, AW273235, AA680243, AA831426, AA630476, AV699423, AV700654, BE244547, AW963489, AA601265, AI732120, AA427747, AL044489, AA558488, AV760154, BF034649, BF673854, AW151247, AW962791, BE350013,

				<p>           AW878019, BG110480, BE161469, AI251696,            AI355246, BE880692, BE883957, AI049999,            AU147226, AW020150, AI753904,            AA555232, AI568376, C05696, AU124213,            AV714931, BE743245, BG034698, AI791659,            BF970107, BF528078, BG231195, AA601674,            AW975247, BF896847, AW631267,            AI254508, AA601376, AW957502,            BE392753, AV654630, AW974363,            AA425283, AI473671, AA570255, AU140403,            AA084439, T62720, AI798521, AI360521,            AV763951, AA167656, AW410354,            AU152301, AW272389, AI572680,            AC004821, AL163279, AC006026, Z86061,            AL158196, U95742, AL117336, AC007216,            AL136300, AC011477, AC010363,            AL121574, AP001747, AL136135, AL109623,            AL049569, AL356299, AC005399, AF001548,            AL353748, AC008083, AC004477, Z96074,            AC004882, AL355392, AC005325,            AL117348, Z97053, AC010422, AL022322,            AC011811, AC007151, AC005229,            AC007381, AC004084, AC004583, AJ297357,            AC011495, AP000493, AC007899, AE000658,            AC008543, AC007850, AC005365,            AL035415, AP001711, AC005041, AL139123,            AP001748, AC005482, AC073898,            AC005822, AC008569, AF205588,            AC005594, AC005696, AL157827,            AL022238, AC005339, AP000502, AP001060,            Z97054, AL049830, AL157838, AL122023,            AC008687, AC007308, Z84487, AL121949,            AL109758, AC002470, AB003151,            AC022073, AL358777, AC005730,            AC009116, AL021394, AC004525,            AC005828, AC018644, AL031587, AP000044,            AP000112, AC005755, AP000556, AC007066,            AC005011, AC008403, AP001716, U91321,            AL137918, AC011473, AL121890,            AC020610, AC005537, AC021016,            AC005736, AL359763, AL031650,            AC008623, AC003108, AL049537, AP000553,            AL138759, AC005067, AL109923, AL049840,            AC006345, Z73420, AC002299, AC011442,            AL035458, AC000075, AC004167,            AL008716, AC004841, AC008753,            AC003689, AC005355, AX039602,            AC009298, AC004638, AL031659,            AC011462, AL031670, AL159168,            AC002554, AL022316, AC011464,            AL118497, AF064861, AC020945, Z99128,            AL022576, AC007263, AC010252,            AC020908, AC004983, AC010677,            AC020934, AC006330, AC000115,            AP000338, AL353807, AC010789, AC007298,            AL356010, AC005189, AL160175, AP000216,            Z97056, AL355499, AL009183, AF243527,            AC005103, AC005031, AP001631,            AC010553, AL136228, AC011450, Z98304,            AC012599, AC022154, AC019227,         </p>
--	--	--	--	---

					AL035400, AL109952, AC020955, AC018642, AC005412, AC005057, AC004950, AC010223, AC004686, AB023054, AC004000, AC006111, AL138725, U80017, AC005261, AC006509, AC004832, Z83844, AC023490, AC004706, AC005543, AL133545, AC016395, AC018797, AL450169, AC008379, AL162615, AC004166, AL031727, AC002544, AP002898, AC005282, AC010725, AC008784, AC005098, AC007199, AC005781, AC005901, AF053356, Z93023, U52111, AC005280, AF196779, AC006251, AF047825, AL135745, AL031281, AP001717, AL499628, AC007404, AL161670, AC010463, AC005620, AC068799, AL391839, AP000501, AL008719, AC008745, AC010077, AC011742, AC007676, AC005529, AC008760, AC007383, AC002404, AC005538, AL020997, AC006344, AC004867, AC006452, AC004816, AC006547, AC007225, AL356213, AC004602, U91326, Z99716, AC004921, AL008582, AC004782, AC010473, AL390027, AL135749, AC002563, AC005630, and AC005102.
HAGDC73	80	724860	1 - 1620	15 - 1634	AL538521, AL538520, BG025342, BG179141, BG253871, BE502436, BE561841, AA521088, AW957550, BE223021, AI472246, AW593837, AW088310, BG254943, AA564072, AA173780, AW274963, BF223179, AA410497, BE392124, BG258474, AA534763, AI453379, AW139930, AI375940, AI435482, AI709078, AA460343, AI953790, AA085512, AW197302, AA632082, BE548509, AI277685, AW594017, AI004272, T78052, AA781997, AA707086, AA173832, AI869067, BE208693, AW953146, AA190979, AW817143, R15898, AA460342, AA861596, AI825206, AI203155, AA098929, AA349781, BE768075, AA410496, BE139469, BE302743, AA835958, BE158708, F06940, Z40031, T33103, AV755872, AW817428, AA993824, AW089638, BE972447, AW953147, BE768329, BE697135, BE697087, BE158706, BE697144, BE697133, BE697148, BF902229, BF373941, and T66524.
HAGDG84	81	745368	1 - 1998	15 - 2012	BF592932, BF131228, AI435489, AI168436, AI660093, AI917105, BE502245, AW170015, AV726309, R69799, F11334, R67877, F11323, D51015, R69800, R81389, R81390, R34017, AI283968, F08994, F08984, R67878, R33479, T16467, AW975618, AW966531, AW966053, AV718844, AV718692, AV718489, AW978634, AV724520, D80391, AW966534, D80196, D58283, AW960553, AV720203, C14429, AW949633, AW975621, AV718770, AV699550, AV699447, D80253, AV719822, D80166, D80195, D51423, D59927, D59619,

					<p> D80210, D51799, D59859, AV718440,  AV720028, D80240, AW966054, AV719188,  AW973307, D80227, AW966062, AV719324,  AV719783, AW959628, AW959570,  AV718800, AV720211, AV720464,  AV719557, AV720731, AV722801, D80212,  AV723927, F13647, AW949656, AV699927,  D59889, AW949642, D80188, D81030,  D80219, D80269, AW965177, D80038,  AW949645, D80043, AW965158, D80193,  AW959582, AW949641, D50995, AV719468,  D80366, AW949657, AW949629, AW949632,  AW949631, AW949643, AW966013,  AW966041, D80022, AW978661, AV721386,  AW959202, AW973447, AW959597,  AV720812, D59275, AV723097, AW949653,  AW949646, AW966050, AW949658,  AV700889, AW964488, AW949618, D50979,  AW964737, AW966043, AW964468, D80045,  AW949654, D80024, AW960465, T03269,  AW973541, AW949655, AV720791, D80378,  C75259, D57483, AV720654, D59502,  AV718633, AV742001, AV742667,  AW975605, AV701125, AV699479,  AV701335, AV701166, AV701043,  AV701332, AV701017, AV701248,  AV742048, AV701431, AV700229, C14014,  AV699669, AW959799, D59610, C14331,  AV719628, AW973485, AV718931, D59787,  AW978648, AW956434, AV701419,  AV720220, AW966065, AV701443,  AV699682, AV741221, AW966022,  AV742430, AV645389, AV701154,  AW973334, AV681510, AV681491,  AV645344, AV699746, D59467, D80134,  AW959469, D80241, AV719049, AV741220,  AW752082, AV701130, AW962245,  AW965176, AV718707, AV701422,  AV645343, AV718674, AW960414, D80164,  AW966075, D80168, AV701149, C14389,  AW964756, AV718938, AW966029,  AV701428, AV742732, AV719000,  AW964477, AW965163, D81026, AV701415,  AV720878, AW958992, AW958993, D51060,  D80268, AW959136, AW959062, D51250,  AV719913, AV701344, AV681529,  AW973470, C15076, AV745080, AV738340,  AW965197, AV741189, AW973474,  AV681468, AW966560, D58253, AV701021,  AV721784, AW956397, AW965185,  AW965184, AW962082, AW966023,  AW960564, AV700622, AV701004,  AV742735, AW960504, D80949, C14227,  AW973488, AW178893, AW965175,  AW973482, AA305409, AW973465,  AW975613, AW973330, AW960473, A62298,  AX033851, A84916, AX047063, A62300,  AR070327, AX027925, AJ132110, AX047064,  AX047062, X67155, AX020191, A67220,  D89785, A78862, AJ302649, AX020190, </p>
--	--	--	--	--	---



					AX021518, A25909, D26022, Y17188, D34614, AX035434, AR018138, D88547, AR025207, X82626, AR092424, X68127, AF058696, AJ294956, AF260572, AR087649, AR008278, AB012117, AB028859, AR077702, AX015396, AX028130, AR088705, AJ287395, A85396, AR074141, AR066482, A85477, A44171, I19525, A86792, Y12724, X93549, A82595, AR074545, AX042372, A94995, AR060385, AF135125, AB002449, AR008443, A30438, I50126, I50132, I50128, I50133, AX035429, AX035426, AR064240, AB037923, AR066488, AR016514, AX035428, AR060138, A45456, A26615, AR052274, Y17187, AR074139, X64588, Y09669, A43192, A43190, AR038669, AR066487, AR074136, AR066490, AR016691, AR016690, U46128, AR008277, AR008281, AR054175, D88507, I14842, I18367, D50010, A63261, AB033111, AR008408, AR091537, A70867, Z32749, AR093385, AR062872, U79457, D13509, A64136, A68321, AR060133, AR087528, I79511, S69292, U87247, AB023656, AF123263, AR032065, X93535, and AR008382.
HAGDH85	82	596804	1 - 1308	15 - 1322	AI733767, W32407, R00245, AA894623, AI473415, BF592208, AI733097, AA780801, AA635813, AI954911, AA121632, AI657002, AA333891, AA971747, AA503752, T16137, AI888819, AC006054, AL163213, AP001693, AP000221, AP000085, AL096699, AL109622, AC005537, U69730, AL133515, AC009365, AC026239, AL121826, AC013256, Z98304, AL445250, AC023512, AC005229, AL009030, Z92844, AL133226, AL133255, AL157817, AC083874, AL021397, AL079333, AL050334, AC020908, AL163541, AL133408, AC006207, AL356379, AL135785, AL109977, AC006926, AC008774, AC013379, and AC013379.
HAGDI69	83	566758	1 - 927	15 - 941	AA628435, AI937148, AI743806, W22487, BF940876, AW026217, W27139, AI886828, N39405, BF530042, AI041085, AW241824, AI039786, AI147323, H06160, Z39739, H87746, H08862, AI282016, F04656, F01576, H06159, AI474965, BF930136, AI076851, and AB011156.
HAGDJ53	84	821315	1 - 1860	15 - 1874	AK024569, AC007394, AC005823, AC003101, AC006571, and AC005484.
HAGDJ56	85	608181	1 - 629	15 - 643	AV751416, BF343583, BE314794, BG055980, R88597, BF527412, AA723715, AL133591, AC023476, AC023476, AP001979, AP001979, AC023474, AC023474, AP002834, and AP002834.
HAGDL51	86	637488	1 - 1655	15 - 1669	AI745287, BE144831, BE144703, BE144843, AL109825, AC004525, AC007216, AC006441, AL136137, L44140, AF307337, and AC005332.
HAGDO70	87	812393	1 - 934	15 - 948	BE793018, AI769463, AI356558, AI031830,

					<p>BE731497, BF684298, AI031550, BF684893, AI380205, BE279278, AI660438, AI885621, AI769594, AI097072, BE792900, AI934558, BE794986, AI360144, AW054867, AI424951, BE279791, AW162427, AI949561, BF058315, BF439297, BF794132, BF000068, BF210571, AW161305, AI797385, BE793421, BE906337, BF001164, BF213153, BF062542, AA633311, AU118248, AW246798, BE779191, AI187102, BE858102, BE622299, AI039801, BF000099, AW156956, BF000046, BF063679, BF509127, AV739120, AI936274, AI076287, AA811526, BF688621, BE221625, BG116969, AU117707, BE545045, BE785668, AA939220, BE873788, AW082250, AI056053, AA666164, AI369916, BE266469, AI139698, BF033386, AI243213, BF699616, N31693, T83656, AI273742, BE048307, AA011180, AI866508, AI767888, AW950539, BE887997, AA909721, W02905, AI261511, AW242562, AI262688, BF685909, AW247529, AW965717, AA813630, AA813564, AV737552, AI871186, BF871977, AI081698, AW160570, AA936572, AA856634, BE741465, BE622876, BE793885, AA428656, AI311589, AV737215, BE385326, AA970488, BG149450, Z78346, AA766253, AA635097, AI870413, R20556, AA845807, AA524018, AV738195, C14252, BF197218, AA953510, AA313756, AA768686, W63670, AW296189, AW250661, W61082, BF696266, W78032, AA936577, W73567, AI564924, T31320, AA845978, AI365363, AV740452, BG149648, AI382414, AW161421, AA010752, BE466569, AA432316, T16771, AI871341, AA355236, AA554652, AV738140, AW138026, T30318, AA496517, W73486, BE967190, AV754120, Z43576, BE677758, AW407834, AA464346, Z39644, AA312468, T36215, AA496629, T32096, R12657, AI474951, F04508, AA464238, BF683815, AW815646, AI334101, AA554424, T36066, T83819, T32097, BE259649, AA905025, AW247809, AA927164, AA360605, BE871911, AA693690, AW952662, Z42267, D61564, AA024813, D63391, AC006486, D30789, AR065786, AF016047, U57746, AC006486, and AC006486.</p>
HAGDT30	88	589514	1 - 1993	15 - 2007	<p>AU117955, AU141436, AW968937, AA488899, AU144641, AA236471, AW086424, BE967542, AA578559, AU158999, AA488967, BF511939, AW779692, BF083274, N93139, AW964505, D80472, N49728, N67535, D80469, AI401444, H65960, H64629, W26944, AA234580, BG055353, D81703, H65959, AW611626, BF948651, AA319626, AW272379, AI032838, AA610712, H64630, D80471, BF935715, AW895163, BE878388, BE878451, BE878457, BE815176, BE815143,</p>

					BE815141, BE928524, BE172245, BE815541, BE878251, AW901061, BF574171, BF155559, BG013046, AL110277, AK023888, AF075587, AK000968, AL157767, and AL157767.
HAGDW68	89	835631	1 - 1673	15 - 1687	AV707468, N62902, AA575925, AI199172, W01382, T08230, N59867, AC004613, AC012147, L27867, U56651, and AC004613.
HAGDX84	90	638158	1 - 938	15 - 952	AW629485, BF374043, AA551751, AI276054, AA865135, AW769912, AI801287, R02692, AI452478, AA907354, AW965899, AA811656, AI269210, AA907384, AA360295, AI351188, BF359209, BF359245, BF378543, BF372825, AW630447, AW627431, AI032713, BE771072, BE349056, and BE314187.
HAGEK37	91	793464	1 - 1396	15 - 1410	BE885695, AI954822, BF110358, AI743266, BG253794, BF196885, AI760634, AW271501, AI827545, AI742718, AI056389, BG012042, AI742996, BF591372, BE674721, BF593159, AI345994, AI399645, BE644831, AI095920, AW960073, AI740512, AI161170, AI340159, AA042845, AI523616, AI767764, AV755834, AA725288, AW022272, AI627295, BG012031, BE326462, AI281249, AW006705, AI346590, AI128032, AI015853, AW769015, W40340, AI204473, AW590494, AI128034, AI123645, AI188777, AW673796, BF475547, AI022905, BG011288, BF109094, BF992433, AA602115, R52506, AW118046, AA515192, AW264138, AI262475, AA991762, AA916813, R78654, AW196224, BF084376, AW242924, BF110959, AI188970, BF992428, H60308, AA044394, AA974230, AA679929, H06796, AI039216, AA908995, BE464694, AW169928, BF991455, H06746, AA811173, AA173463, R95064, AW840763, AI525406, AW664846, AW016279, N93971, R68549, N47339, R23711, AA528788, AA361543, AA360102, AA338135, AA855121, AA321497, BF818645, R08057, AI198761, R25596, R08008, AA173408, R52507, R68255, H60309, AA931450, R67408, AA847526, Z41402, R26665, N58656, AI304613, BF758492, BF082729, BE931134, AW189301, AL514087, AW081298, AI685211, AI826225, AI800648, AI922689, AL513951, AI933903, AI567582, AI591201, AI475394, AI801152, AI624693, AI784214, AI696398, AI625384, AW263569, AL513999, AA738104, AI978720, AW075484, AI582413, AW194014, AI889213, AI932638, AI628254, AI470648, AI573167, AI521244, AI569579, AI690472, BG116849, AW078543, AL514219, AI621341, AI830259, AW150778, AW190487, AI686258, AI499191, AI811785, AI814087, AI811353, AI954183, AI247005, AI700159, BF039003, BG109125, AI637584, AW073697, AI434134, AI471712, AW081322, BE963236, AI819663,

0950083-091201

					<p>           AW102950, AI620866, AI681985,            AW080079, AI570909, AI538908, AI434453,            BF970449, AI680435, AL515413, AI573171,            AW152536, AI949510, AW183130,            AW166970, AI640873, AI659585,            AW169527, AW058243, BF792586,            AI354627, AL514357, AI376973, BE881060,            AI922707, AI539560, AI683684, AW090103,            BF727091, AL036631, AI352326, AI354283,            AI567802, AI950729, AW192042, N98597,            AW080076, AW087932, AW088223,            AI612920, AW169790, AW090279,            AW168296, AW131294, AI868740,            AI362081, AW129230, AI582912, AI539766,            AI932949, AW131308, AV747571,            BE011880, AL119399, AW087901, AI143587,            AW079859, AI891157, AI475454, AI491775,            AI587143, AW087838, AW078929,            BG032557, AW020397, AI589273,            AW081606, AL040243, AI538850,            AW020693, AI445115, AL513713, AI700305,            AW161579, AK026739, AF212221,            AL021407, A76335, AK025119, AF106862,            A15345, AJ000937, AL050149, A08910,            A08909, AL122050, I00734, L40363,            AL117460, A08908, AK025860, AB024524,            AL353956, AR029490, AB038698,            AL080140, AL389935, AL162083,            AK025857, AK024538, A18788, S63521,            AF153340, AF159615, AK026927, AL110269,            AB047904, AL110196, U79414, E02349,            AL080139, AK026649, AF116691, AL137488,            E00617, E00717, E00778, AL080148,            AL137480, AL162003, E12580, A08912,            A91160, AK025708, A91162, AK024546,            X61970, AL137627, AL049464, Y11254,            AL137478, AK025958, AK025084,            AF119860, S77771, A08913, AL137662,            AL133606, AB030279, A08911, AK025589,            A08907, AK024588, AF215669, AF119896,            AL080159, AF087943, AK026583, AF079763,            AB046642, AF217982, A07647, AR068466,            S76508, AB052191, AF019298, AR038854,            A18777, AF130104, AL133559, AL137557,            Z82250, AJ003118, AK025889, I89931,            L04849, AK027102, AK027121, AF218034,            AF125948, AF090896, AF208026, AJ005690,            I89934, I89944, AL355136, AR087170,            AL049324, AK000603, AK000432,            AB048919, A49139, AF200464, AL110158,            X99717, AL442082, AF061981, AF162270,            AX026824, AX026823, A58524, A58523,            AF314091, AF022813, I46765, AF116654,            AK027164, AK025435, AL355365,            AL389939, A12297, AF139373, AL133623,            S71381, S75997, AX040958, Y16645,            AF179633, AK026541, Y14314, AF217967,            I61429, E07108, AL389951, AL133568,            I89947, AL389947, AK000690, AF116631,            Y13653, AK026408, AF003737, AK026629,         </p>
--	--	--	--	--	---

					AF119899, AF130055, AL049283, AK026648, AJ299431, AF118090, L30117, M85164, AK000083, AK025092, AL122100, AX045159, AF130087, AF130077, AF030513, U42766, AL137479, X84990, AL133665, AK000502, AF260436, AF113694, L04852, AB050418, AK025906, AL049423, AB047941, AX017991, AL390184, AB044547, AK026950, E08631, AL353952, AR080774, AL080129, AF002985, AF116682, AL137300, AF207750, AK026592, X66871, X79812, Y11587, AL133080, AF051325, AK027082, AF110640, AK000285, AK025431, AK024944, AK025312, AB052200, L31396, AF184965, AL161964, AL133031, L31397, Y00093, A08916, AF227198, AF146191, I48978, AL133112, AF113691, AL137537, AL110159, AF078844, M19658, AF091084, AR054987, AF031903, S78453, AL122049, AF116676, AK000418, AL162008, X70685, X72624, AF210052, AL355713, AJ301634, AK027182, AL162006, AF116646, AR079032, AK026434, AK027137, U68387, and AF177401.
HAGEK86	92	748222	1 - 1745	15 - 1759	AI184199, AI812085, AA551051, AI985874, AA554516, AA572876, BE042959, BF437322, AI568911, AI417255, AI189803, AA454958, AA470735, AA454959, AA936950, AU144833, AA491156, W73764, BE218577, AU145281, N25998, AI524274, AA565746, AW593138, AI291212, AA634200, AI499841, AI221002, AI868000, AA017614, AI216071, AA678082, N44288, AA765130, W16710, AA404739, AU140513, AA029570, BF001391, N25023, AI675073, BF090597, AA861842, AA131535, BF356391, AA026208, N30501, AA429220, AA397401, R88681, AA053270, BE763707, W69276, AI572538, AA548868, AA844003, BF221614, AL135541, R31141, AW628894, N99486, N21445, BF886573, BF886582, T05147, AA053651, AA728969, AI040729, AI597753, AI379452, AI242896, AA700624, AA720726, AA229753, AA350787, AA161234, N36630, AA759161, AW194720, Z20643, AI445697, AA490457, BE045381, BF839232, AA056063, BF365632, BF769054, AA036667, AA229961, BF365615, BE763815, BF082462, BG253127, AA100072, AI040719, AW842266, BF872894, BF753547, AW604832, C18419, AF035812, U15138, AB008521, AB008524, AB008523, AB008522, A75279, AC018557, and AC018557.
HAGEP30	93	604478	1 - 796	15 - 810	AL048969, AF114095, AI732720, AW084152, AL042667, AL042670, BG231195, AA640305, AA324108, AI609984, AA489390, BF673743, AA199578, AU150583, AA507623, AI609974, AI610012, BE880692, AV706458, BF530611, AW238341, AW069110, AV763460, AW072963,

					<p> BE392753, BF216280, BG034698, AA689351,  AA533066, BE328286, AW968167,  AW963489, AI690379, AI340151, AA485289,  AU146789, AA491807, AW839858,  AI889995, AI590442, AI801563, AV760579,  AI734119, AW021674, AA738014,  AA714011, AW974932, AA605243,  AC008162, AC004675, AL359763, AF088219,  AC011464, AC005730, AL163280,  AC005828, AL359828, AC008958,  AL133153, AL023574, AL049776, AC005666,  AL356750, AC021019, AL138759, AL022336,  AL136295, AC007098, AF213884, AC011500,  AC008543, AC018633, AL162272, Z84487,  AL109801, AC016395, AC009756,  AC004106, AL163282, AL157372,  AC005822, AC004884, AC002402,  AC009403, AL133229, AC018639,  AC008784, AC007537, AC005913,  AL049839, AF196969, AC006026, AC005399,  AP001743, AC007920, AL355520, AC005846,  AC083866, AC006576, AL353804,  AC008413, Z99128, AL031669, Z97987,  AC004019, AL109809, AP001068, AB045365,  AL050348, AL109758, U85195, AJ229041,  AL139099, AL022318, AC025470,  AC011299, AC005669, AC005962,  AL117340, AL139339, AL139188, AC004955,  AE000658, AC009311, Z98946, Z82203,  AC016830, AL034422, AP001207, AP002535,  AF011889, AC006539, AC008012, AL354943,  AC007444, AC007540, AC012076, AJ011930,  AL035422, AC007388, AL163300,  AC023481, AC004531, AL359704,  AC003692, AL158193, AL137139,  AC008116, AP001724, AL162390, AC016027,  AP000511, AC007097, AP001728, AL035086,  AC083871, AC005261, AP000355, Z84474,  AL137797, AL353802, AC006457, AL158040,  AC016254, AL354773, AL357153,  AC008806, AC019155, AL117339,  AL162505, AC007842, AC006334,  AC018663, AL049636, AL049589, AL138916,  AC018513, AL031121, AC007666,  AC005537, AF227510, AC005859, Z96074,  AL355305, AL121981, AL158196, AL133448,  AL023575, AC009079, AL096712, AL050309,  AP001172, AC004024, AC005046, AF235098,  AL110292, AL031388, AL022718, AL138702,  AL121578, AP001725, AC000120, AP001748,  AP000365, D87675, AL122023, AP001670,  AL136504, AC006048, AC012081,  AC020550, AL021069, AC004847, Z95114,  AL352984, AC008482, AC008068,  AC004865, AL034351, AL354696, AL049697,  AC009319, AC007363, AC074338,  AC004890, AP000567, AC004933,  AC008925, AC005823, AL353706, Z99570,  AC005288, AC006974, AC069539,  AC024563, AL049646, AP001712, AL022324, </p>
--	--	--	--	--	---

					AC006120, AC083861, AC004067, AC007253, AC003106, AL137072, AL078584, AL050307, AC006028, AL133396, AC009487, AL132639, AL390755, AL357519, AL109921, AC022224, AC025593, AL121949, AL121754, AC008155, AP001727, AC002395, AL139824, AC003098, U80460, AL034402, AC007637, AC009408, AL163248, AL109753, AC018684, AC009241, AF238380, AC005189, AL031767, AB041992, AC007934, AL109854, AL096819, AC006141, AC008567, AL139123, AC015470, AC015470, AC015470, AC013656, and AC013656.
HAGEQ58	94	695945	1 - 1661	15 - 1675	AW975618, AV724520, AW964541, AW960486, Z21582, D59695, AV702035, AW949586, AA809122, AV727418, D52291, AW966330, D59627, AV719783, AV720464, AV718692, AW964532, AW966054, AW949634, AW960465, AW975621, D80949, D51079, D59551, C14014, C14077, AV720104, AW973330, AV720791, AW965158, D80164, AV719468, AV718800, AW949654, AW965185, AW965197, AW973488, AW966043, AW966333, AW966380, D80247, AV719822, AW952852, AW966050, D81026, C15076, AW960520, C06015, D80258, AW966013, AW960454, AW966400, AV720150, AV655880, D80195, AW949646, D59503, D80045, D59502, AV719632, AV718487, AW962395, AW966332, AW960514, AW949658, AW966053, D59317, Z30160, AW959799, AW966041, D80133, AW966399, D59275, D45273, AW966062, AW966022, AV718427, AW949641, AA305578, AW966534, AV719188, AW961136, D80269, AV699927, AW978648, D59467, D80038, D50979, AV719644, D80227, AW959597, AW959570, AV719913, AW965175, AV700229, AV700622, AW959062, AW964477, AW949500, AV726609, AA305720, D31458, AR016808, A84916, A82595, A63887, Z82022, X64588, AR070327, AR087649, AR077702, AR092424, AB028859, AJ132110, AR060385, AB002449, I14842, I79511, AX027925, AC019197, AC019197, and AC019197.
HAGEQ67	95	838445	1 - 1191	15 - 1205	BF673365, BE048349, AV654020, AA873363, AA593668, AW974054, AI183298, AI288486, N91687, BF439344, AI525627, AV653421, AI185882, N70632, N68673, AI205883, R62964, H58308, R79064, N54939, AI205885, AW129141, N41012, H78978, N53116, AW469162, AA975901, AA602558, AI061419, R78756, R63545, H94455, H72843, AA985388, AA854763, AA780852, H65073, R92768, T83578, W05514, R06290, R28494, AV650793, F27018, R92783, BF361829, AV650271, AI740671, H94547, D45582,

					R31280, H38844, H14175, BE048171, H72398, AI920866, AA969673, AV699536, AI863305, R63499, R06348, AA089766, N76269, AA706249, F27770, BE166636, R93141, AV653717, T85794, H48457, and AV661228.
HAGEU26	96	608183	1 - 470	15 - 484	AI365624, AC004985, AC008403, AC004084, AC005225, AL121749, AC011491, AC005102, AL035633, AC020916, AC007011, AC007510, AL133215, AL355860, AL355860, AC027069, and AC027069.
HAGEW83	97	617111	1 - 1055	15 - 1069	AI022829, AI688133, AW613993, AA424600, AI199807, AI377792, AI082319, BF508550, AA973124, AI139622, AA919112, BF964703, AA424534, AW573201, AI698592, AX006438, AP000648, AP000648, AP000648, AP000827, AP000827, AP000827, AP001769, AP001769, and AP001769.
HAGEX49	98	834502	1 - 1461	15 - 1475	AL527582, BE790638, BE798859, BE797447, BF219887, AL534083, BE265170, BE254222, BE260202, BE252841, AI871383, AW468771, AI871247, AI950168, AV729719, AI341054, AW902244, BE262475, AW298755, BE799370, AA219669, AW003970, T89093, R60840, H16750, AW128954, AW902151, T15945, T15826, M78963, AW003981, AW248478, H51569, BF768788, T15528, AA339026, AI005611, F10274, H51939, D51509, D51121, BE504760, BF970449, BG166654, AI648684, BE964497, BF726146, BF904180, BF038804, BG112879, AI499974, AV743631, AW163823, AL135065, AW104056, BG032856, BG111850, AI648567, BG112718, BF527014, AW303089, AV733205, AI254727, BF814541, BE781369, AI364788, BF726207, BE965169, AW952439, AL119791, AA830821, BG036520, BF344031, BG178689, AW999906, AA807088, BF569448, BG107315, AV757240, BF885675, BF750879, AV681987, BG168185, BF339594, BE965355, AW168693, AL042384, BG165979, BF870154, BE897632, BE965067, AW834325, BE965192, AI690946, AV710937, BG105895, BF924882, AI499652, AI308035, AW268060, AI269580, BE621256, BG029053, AI290153, BE826058, AI689420, AW302973, BF726118, BG107576, AW162189, BE963286, AW074869, BF061283, BE047952, BF339322, AI309420, BG180996, AW172723, AI244380, BF752999, BG260144, AA640779, AI280661, AI336575, AI698427, AL120853, AI537617, AI889147, BG113224, BE789764, BF960601, AL110306, BF815196, AI567582, AI929108, BE965432, AW023338, AI343112, BE965481, AI611743, AI800464, AW118373, BE964213, BF750927, AW268253, AW301300, AI349598, AW075207, BF909758, AI345735, BE884910, BE966011, AI799235, AA420722, AI436429,



				AI677797, AI567360, AV662081, BE968711, AI863357, BE138712, AW806761, AV703472, AI313320, BE877717, AI866798, BF904189, AI581033, AW161735, BG151388, AI567351, BG034550, BF673803, BE967016, AI312146, AI312339, AV717349, AI345258, BE873679, AI624604, BF814335, AI623682, AI539028, BF921092, BF886214, AI801556, AI886022, AI419650, AI696626, AW088899, AL042400, AV729334, BE963838, AI805769, BF032768, BE905628, BF815930, BF764538, AI568138, AI952542, AI919345, AI494201, BF915537, N99092, AI434833, BF814360, AI285826, AV721917, AW162071, AW834355, AI251830, BF340889, BF915208, BE963918, AW129271, AI561170, AI805638, AI366549, AI344785, AI636719, BE964767, AL046463, AI802826, AI919593, AW193203, AI625464, BG164558, BF338002, BG031664, AI499986, AW130863, AI922577, AI280561, AI318254, BG118829, AA603709, AI874151, AV681589, AW002174, AI890057, AI862144, AW083804, AI571000, AI538342, BG121959, BF829164, AV715762, BF811780, L22557, AK026797, AB019565, AK026592, AL122106, AF111112, AF130104, AF130099, AK024538, AL110280, Z72491, AR011880, AK026057, AB047897, AB038698, A08916, AK026855, AF008439, AF090903, AB049848, AK025391, AF116676, AF262032, AL122118, AK024570, X70685, AL137656, AF175983, AL117432, AX019230, A18777, AK000647, AK026591, AF114170, I48978, AL162008, AK025414, AJ301634, I00734, A08910, AF118094, S61953, AL133104, A08909, X62580, AX005848, AX005804, AK000753, AF242189, E00617, E00717, E00778, U35846, AX019229, AL137300, AF057300, AF057299, AF155148, AR083266, I89947, AL389978, AF159141, A08913, AF113676, AF185576, AL122121, AF130059, AF113690, I89931, AF132205, AK000445, AK025349, AF130082, AL050393, AL133565, AR087170, AL137526, AK026630, X92070, AF104032, AR038854, AF113694, E03348, AL050108, AL137557, X79812, E03349, AF087943, A08908, AK025084, AK025209, AF183393, AL442082, AF261883, AL389935, AK025383, X96540, AL080086, AF110329, AL110197, U96683, A08912, S79832, AF022363, AF081197, AF081195, AL162002, AL080074, AK024524, AL137556, AF119875, AF218031, AF218014, AK026626, U90884, AF119871, AL137459, AF116654, X52128, AF158248, AK026542, AF207829, AL137463, AB048888, AK026353, AR079032, AL137539, I89934, Y10655, AL133067, AF116688, AF119894, I26207, E05822, AK024992, AF118064, AL133093, AK025967, AK026597, AF118070,
--	--	--	--	--

					AL122050, I33392, AL133645, AL122111, AL117583, U72620, AF079763, AF130092, AK027146, AF113222, AF026124, AB049758, I66342, AL157431, AK000391, AL353956, AL133568, A12297, AF113013, AL390167, AF078844, AK026395, AL137665, AB047615, AF130105, AK027200, AL049465, AF217991, S68736, AL133014, AF106657, X65873, AK026608, AJ006417, AK026532, AF090901, I41145, AK026865, AF116639, AL389939, AL359622, AB047248, AK025410, AL049382, AF210052, AK025958, AK026784, AL162006, AK026746, AJ238278, AK000250, AL359615, AK000486, AL080060, AF094850, AF090934, AB048964, AK026164, AB049900, AX045627, AK027164, AL133557, AF017152, AJ003118, U80742, E15569, AL359618, AL133113, AL137276, AK024594, X87582, AF090943, AF166267, AR070212, AK026613, AL117460, AX006092, AF321617, AK024546, S76508, AF116644, AK000137, AC002467, AL110171, AL117648, AK000652, AL137429, AK026086, AL050024, U67958, AF065135, AF119878, AK026583, AL133640, AB047941, AL122098, AL359601, AB050431, AK026627, AK025254, AK025708, AL389951, AX027129, AF090896, AL122093, AL117435, AL133606, AB029065, AF242525, AK026629, AC068701, and AC068701.
HAGEX49	99	844227	1 - 1461	15 - 1475	AL527582, BE790638, BE798859, BE797447, BF219887, AL534083, BE265170, BE254222, BE260202, BE252841, AI871383, AW468771, AI871247, AI950168, AV729719, AW902244, AI341054, BE262475, AW298755, AA219669, BE799370, AW003970, T89093, R60840, H16750, AW128954, AW902151, T15945, T15826, M78963, AW003981, H51569, AW248478, BF768788, T15528, AA339026, AI005611, F10274, H51939, D51509, D51121, BE504760, BF970449, BG166654, AI648684, BE964497, BF726146, BF904180, BF038804, BG112879, AI499974, AV743631, AW163823, AL135065, AW104056, BG032856, BG111850, AI648567, BG112718, BF527014, AW303089, AV733205, AI254727, BF814541, BE781369, AI364788, BF726207, BE965169, AW952439, AL119791, AA830821, BG036520, BF344031, BG178689, AW999906, AA807088, BF569448, BG107315, AV757240, BF885675, BF750879, AV681987, BG168185, BF339594, BE965355, AW168693, AL042384, BG165979, BF870154, BE897632, BE965067, AW834325, BE965192, AI690946, AV710937, BG105895, BF924882, AI499652, AI308035, AW268060, AI269580, BE621256, BG029053, AI290153, BE826058, AI689420,

				AW302973, BF726118, BG107576, AW162189, BE963286, AW074869, BF061283, BE047952, BF339322, AI309420, BG180996, AW172723, AI244380, BF752999, BG260144, AA640779, AI280661, AI336575, AI698427, AL120853, AI537617, AI889147, BG113224, BE789764, BF960601, AL110306, BF815196, AI567582, AI929108, BE965432, AW023338, AI343112, BE965481, AI611743, AI800464, AW118373, BE964213, BF750927, AW268253, AW301300, AI349598, AW075207, BF909758, AI345735, BE884910, BE966011, AI799235, AA420722, AI436429, AI677797, AI567360, AV662081, BE968711, AI863357, BE138712, AW806761, AV703472, AI313320, BE877717, AI866798, BF904189, AI581033, AW161735, BG151388, AI567351, BG034550, BF673803, BE967016, AI312146, AI312339, AV717349, AI345258, BE873679, AI624604, BF814335, AI623682, AI539028, BF921092, BF886214, AI801556, AI886022, AI419650, AI696626, AW088899, AL042400, AV729334, BE963838, AI805769, BF032768, BE905628, BF815930, BF764538, AI568138, AI952542, AI919345, AI494201, BF915537, N99092, AI434833, BF814360, AI285826, AV721917, AW162071, AW834355, AI251830, BF340889, BF915208, BE963918, AW129271, AI561170, AI805638, AI366549, AI344785, AI636719, BE964767, AL046463, AI802826, AI919593, AW193203, BG164558, AI625464, BG031664, BF338002, AI499986, AW130863, AI922577, AI280561, AI318254, BG118829, AA603709, AI874151, AV681589, AW002174, AI890057, AI862144, AW083804, AI571000, AI538342, BG121959, BF829164, AV715762, BF811780, L22557, AK026797, AB019565, AK026592, AL122106, AF111112, AF130104, AF130099, AK024538, AL110280, Z72491, AR011880, AK026057, AB047897, AB038698, A08916, AK026855, AF008439, AF090903, AB049848, AK025391, AF116676, AF262032, AL122118, AK024570, X70685, AL137656, AF175983, AL117432, AX019230, A18777, AK000647, AK026591, AF114170, I48978, AL162008, AK025414, AJ301634, I00734, A08910, AF118094, S61953, AL133104, A08909, X62580, AX005848, AX005804, AK000753, AF242189, E00617, E00717, E00778, U35846, AX019229, AL137300, AF057300, AF057299, AF155148, AR083266, I89947, AL389978, AF159141, A08913, AF113676, AF185576, AL122121, AF130059, AF113690, I89931, AF132205, AK000445, AK025349, AF130082, AL050393, AL133565, AR087170, AL137526, AK026630, X92070, AF104032, AR038854, AF113694, AL050108, E03348, AL137557, X79812, E03349, AF087943, A08908, AK025084, AK025209, AF183393,
--	--	--	--	--

					AL442082, AF261883, AL389935, AK025383, X96540, AL080086, AF110329, AL110197, U96683, A08912, S79832, AF022363, AF081197, AF081195, AL162002, AL080074, AK024524, AL137556, AF119875, AF218031, AF218014, AK026626, U90884, AF119871, AF116654, X52128, AF158248, AK026542, AF207829, AL137463, AB048888, AK026353, AL137459, AR079032, AL137539, I89934, Y10655, AL133067, AF116688, AF119894, E05822, I26207, AK024992, AF118064, AL133093, AK025967, AK026597, AF118070, AL122050, I33392, AL133645, AL122111, AL117583, U72620, AF079763, AF130092, AK027146, AF113222, AF026124, AB049758, I66342, AL157431, AK000391, AL353956, AL133568, A12297, AF113013, AL390167, AF078844, AK026395, AL137665, AB047615, AF130105, AK027200, AL049465, AF217991, S68736, AL133014, AF106657, X65873, AK026608, AJ006417, AK026532, AF090901, I41145, AK026865, AF116639, AL389939, AL359622, AB047248, AK025410, AL049382, AF210052, AK025958, AK026784, AL162006, AK026746, AJ238278, AK000250, AL359615, AK000486, AL080060, AF094850, AF090934, AB048964, AK026164, AB049900, AX045627, AK027164, AL133557, AF017152, AJ003118, U80742, E15569, AL359618, AL133113, AL137276, AK024594, X87582, AF090943, AF166267, AR070212, AK026613, AL117460, AX006092, AF321617, AK024546, S76508, AF116644, AK000137, AC002467, AL110171, AL117648, AK000652, AL137429, AK026086, AL050024, U67958, AF065135, AF119878, AK026583, AL133640, AB047941, AL122098, AL359601, AB050431, AK026627, AK025254, AK025708, AL389951, AX027129, AF090896, AL122093, AL117435, AL133606, AB029065, AF242525, AK026629, T15946, AC068701, and AC068701.
HAGFD75	100	847119	1 - 1053	15 - 1067	AA857459, AA521163, AL138010, AW959778, W73720, BE217926, AA833866, AW021505, AW960382, BE547620, BF196658, AI912413, AI651850, AW197675, AW026833, BF057033, AA714734, AW612922, AI291477, N32292, AI803076, BE139073, AI696888, BF589879, AI672736, AI125980, AW021543, AI333787, AI394295, AA315831, AW300608, BF433618, AW438803, AW798872, AA732153, AI473872, W73704, BF589483, N95267, AI347757, AI869053, AA865121, BF439924, AA216377, AI160735, W15211, AA410397, AV739551, AW337871, AA526709, BG150420, AW959772, AA026470,

					AA225717, AI695052, AA252400, AI419575, R69138, AW139423, D52776, D81682, AA977984, T30032, AI810492, AI363986, C15965, AW975783, BE218954, AV712836, AA832178, AA805936, W25211, T05162, BE698704, AA092478, D61868, AW503352, AW799533, AI373310, H20765, AA580893, F37745, AA026562, BE549936, Z40810, BE180235, AA283450, AA705959, AA247641, AA252401, AI798877, W39208, AA278631, AW022907, AA613255, H89138, AL514701, AW129264, AI491904, AV747571, AI289791, AA055593, AI624548, AV682011, AI571442, BE544111, AI765103, AI633061, BG169738, AI678623, AW089379, AW025279, AI370623, AA830431, BE969825, AW029457, AW006428, R65859, AI075885, AW117675, AW188525, N29277, AA835947, AI687568, H10521, AV756637, AA837930, BE904652, BF725001, AA811966, BG033509, AI446511, AW023871, AI524626, BG153138, AI680442, AI445611, AI583558, BE874706, AW081272, AI537273, AV682811, AI521005, AA613726, AI417790, AA745254, BG105381, AI698391, BG167830, BG113851, BF572734, AV750565, BG254981, BG104845, AI491710, AW075382, AW161202, AI309306, AL037602, AI433611, BE797540, AI638644, AL037582, BG026759, AV657465, AI539800, AI686690, AI909697, AI568293, AI419826, AA764872, AV749238, AL041230, AW129663, AW195253, AW827278, AI355277, AI537024, AI499325, AI918809, AI446829, AW827204, AI285439, BE878564, AA688424, AI583578, AA580663, AI954721, BE879967, AI866469, AI695857, AA554804, AW834282, AK024986, AF067844, AF130100, S79832, AF022363, AL079293, AF116631, AC020549, AP001728, AL137533, AC009506, AC025765, AK027182, AC010605, AF218000, AF047716, AC087089, AC009024, AF218023, Z98036, AP000344, AL356015, AC009484, S36676, AR050959, AC007391, AL137716, Z94277, E16086, S82852, AK027160, AL049452, AR038854, AF119899, AF177336, AL117587, AK026746, X70514, AL389947, AC017082, A65340, AY007109, AL355136, A70386, AF116698, AL133084, AF126488, AJ005690, AC018767, E12806, AL121970, AF015958, AC010723, AL157480, AB047947, AC005250, AK026549, AB048881, AL117416, AX030362, AL133062, AC018639, AF230496, AC026888, AP001434, AF061981, AC005968, A18777, AL133559, AF130056, A31001, S77771, AF188698, AF056191, M79462, AF013214, AK026374, AL117438, X83544, AL359600, AF007142, AK025350, AK025541, AR083283, AL137488,
--	--	--	--	--	--



					AC003999, AC073574, AC002316, AF176915, AF022141, AC000353, U85195, AC011489, AL008721, AC010480, AP001724, AC004682, AL136179, AE000658, AC005283, AC006453, Z93244, AL139353, AC005372, AC005261, AC021016, AC027612, AC021876, AL079342, AK021658, AL117511, AC002551, AC004112, AC006449, and AC005722.
HAGFT48	104	780112	1 - 1669	15 - 1683	BF570468, AV705560, AI692236, BG109465, AI590873, BE379711, AV727359, BG260919, AV726731, BG168165, BF346570, BG163576, AW069724, AI679159, AL519013, AL526190, BF965794, AA946740, BF528913, AV703283, AV702687, AL533461, BG110801, AI828175, AV705918, BG250071, BE873739, BF664718, AI879173, AI801238, BF694537, AI952807, AI424265, AV701931, BE271693, AI888295, AI719428, AL038639, AI690528, BG252025, AW081816, AI566482, AI679930, AW084703, BG114469, BF790995, BE907696, AW468515, AW264441, BG259591, BG107460, AI911915, BF126139, BG249013, BG171634, BE866495, AV662233, AI755241, BF034364, BF978685, AI042469, AI679420, AI920873, AA533286, AA878901, AA705930, BF033622, AI813557, BF245036, AA614121, AA555039, BE302112, BE349080, BE349238, AA576133, BE276084, BE732617, AA934742, AI888442, AI335341, BF570597, BE874628, AA860291, AI066675, AW732388, AW364528, AA878665, AA729828, AA599248, AI797201, BF947404, AI262300, AI094949, AA167638, BE566199, BF130582, N21304, BF214932, AW364525, BF836129, BE733819, BG169436, AV709791, W95814, AI929022, BG112486, W44546, BF031142, AA460519, AW068846, BF671114, AA167645, AI569046, AA680274, BE813329, AA706571, BF209625, BF576643, AI799177, BF669794, BF126331, BE738856, AA600232, AI348357, AI922161, BG251908, AI720703, AI150672, BE906371, W95807, AW769788, AA641539, AI086742, W73227, AI937266, BF130487, BF691960, AA740905, BF672048, AA838225, W73282, BF952838, BF340304, AW364527, AW021468, N21186, AI344411, BE223076, BE380150, BF575611, AW364492, AA055921, AA669190, BF725117, AA088463, C75449, AA113298, BF947407, AW952444, BG168232, AI870953, AW239482, AA180777, AI815653, BF671309, BE960981, AV728221, AW239226, BE301129, AA515964, AA180739, AW936442, AA158764, AA180786, BF667857, AI978855, BF030081, AA192566, BF576326, BF575200, BE895720, BG114654, BF382020, AW002797, AA772876, BF672014, BF575647, BF699457, BF674000,

					<p>BF695099, AI815525, BF671796, AI268619, AV754040, BF791266, BF694374, BF671443, BG119018, AI049939, N66444, AA196180, AI266279, BF575621, BF574980, AA193274, BF571943, BE208292, BE568759, BG122783, AA181962, AA460072, BF673114, BF670282, BF575370, BE738965, AA132254, BF672700, BF672379, BF790495, BG253629, AA131123, W46998, H95794, T71657, AI091717, T89097, BE259158, T89081, AI367513, BF693398, BF574253, BE564826, AI520812, BF671430, BF671415, BF749150, AA858374, BF672284, BG112192, BF790867, BF337119, AW936440, BF574822, AA055325, BF672665, BG106936, AA583970, BG181155, BF672612, N22319, AB040463, AF132047, AF148538, AB015639, AJ251384, AB040462, AF148537, AB020693, AJ251383, AF077050, AF177332, AF132048, AF125103, AF087901, AB049853, AJ242962, AF132046, AF132045, AJ242961, AF320999, AR028522, AJ251385, AJ242963, AF051335, AR028524, T51528, T51677, T54675, T54784, T56049, T56065, T56083, T56100, T65741, T94690, R41535, R51821, R41535, R63674, R70590, R70605, R77792, H43749, R96380, H77815, H86166, H89669, N24589, N31239, W19399, W21129, W37994, W46607, W47376, W69592, N90760, AA018184, AA035431, AA058672, AA069180, AA074192, AA074467, AA076037, AA076201, AA079399, AA084644, AA086341, AA148772, AA156590, AA158011, AA158636, AA159037, AA161110, AA169734, AA176619, AA180990, AA192937, AA210750, AA236111, AA236753, and AA252742.</p>
HAGFU31	105	751713	1 - 1256	15 - 1270	<p>AV728425, AV725423, AI963720, AL046409, AI431303, AI305766, AF330238, AW193265, AI613280, AI345654, AI754658, AV760042, AV710066, AI270117, AV733830, BF241967, BF337291, AI350211, AV764307, AI284640, BF697673, AV734666, AV762535, AW965008, BF677892, AA490183, AI334443, AW963497, AV759172, BF679304, BF668217, AW276827, BG249643, AW974109, AW438643, AV764241, AI289067, AW975425, AV760777, BE350475, AW953071, AI341664, AV762098, AW083402, BE276880, AI619997, AI375710, AI688846, AW274349, AW419262, AW303196, AA610491, AW193432, AA623002, AI133164, AI061334, AW301350, AU151000, AV760774, AI814735, AV760937, AV762395, AA483223, AI344844, AV759382, AV763354, AI754955, BF854876, AL041690, AV718479, AA581903, AW502975, AI281881, BF939954, AI340453, AV761362, AI744995, AV764578, AW083364, AF074677, AL044940,</p>



					<p> AW500125, AL037683, BF684828, AI064864,  AL138455, AW261871, BE276641,  BF680074, AV760057, AV763670,  AV762397, AV762064, AV761489,  AV760700, AV764329, BE895987,  AV761106, AL045053, AA829223,  AV761843, AA577906, F36273, AW517388,  AV763540, AI708009, BF965007, AW979060,  AW969629, AW576391, AL039958,  AL138265, BG107801, AW501386,  BE047069, AV740801, AW517377,  AL119691, BG222267, AV763449,  BG109996, AV729809, AI634384, AV763971,  AW972871, AV763255, BF475381,  AW265385, AW513362, AV762505,  AW673241, AA719805, AW970896,  AA631507, AV762139, AI053672, AV729881,  AA491831, AU147104, BF216716,  AL046205, AL038785, AV702857,  AV761786, AW270270, BE049095,  AA491814, BG236735, AI801482,  AW327868, AI679782, BE049139,  AV725431, BE389111, AI799642, AV757607,  AV652936, AI471481, AW975217,  AV762050, AW021583, BF311000,  AL041412, AV762009, BG036665,  AV759507, AW975049, AV762067,  AW960468, AW029038, AA599920,  BF130107, AW238278, BG104686,  AV719506, AA649642, AV760624, AI696962,  AV763847, AA533333, BF827410,  AW833862, AV763122, BE160727,  BF679274, AV759437, BF940837, AL042853,  BG059568, AV658688, BF942454,  AW274346, AA535661, BF683672,  AA584167, BE674881, AV719422,  AW439558, AV760466, AA587604,  AW872676, AI610159, BF541116,  AW162049, AL120687, AV658733,  AV762959, AA525824, AI929531,  AW975266, BF793766, AI570261, N53150,  AW467362, AA526787, AA720702,  AI962050, AA350859, BG171096,  AW630298, BE872393, BE253048, AI305547,  AV762111, AW970848, BE150580,  AV735370, AV728928, AW407578,  AW103758, AA521323, AI355206,  AV735495, BG059450, AW088202,  AW088846, AW408717, BG178002,  BF339640, AW028429, BF185352,  AA468022, AA469451, AW410400,  AU147193, AA470969, AL042420, AI732865,  AV759505, AA877817, AC010879,  AP001666, AL353807, AJ009615, AC022274,  AC003080, AC087093, AC008739,  AL121748, AC013458, AC002470,  AL160231, AC007298, AC007404,  AC008602, AL121903, AC006460,  AC004832, AL117342, AC006374,  AL035411, AC002412, AC008897, </p>
--	--	--	--	--	---

				<p> AL354857, AL049845, AL121593, AC007216,  AL138759, U63630, AC008068, AL096840,  AC009154, AC004808, AL137022,  AL356750, AC008474, AC007877,  AL137228, AP001346, AP000501, AC025264,  AC010135, AP001759, AC021878, AL445223,  AC007882, AP000123, AP000055, AP000170,  AC007151, AC022073, AL359846,  AL022323, AL355385, AC005150,  AC007206, AC004453, Z93241, AC009470,  AC027644, AC002430, AC005046,  AC005245, AL133480, AC009087,  AC001231, AC003003, AC007384,  AC005914, AP001720, AC002476,  AC022013, AC018507, AL390023,  AC023511, AP000193, AC007561,  AC005699, AP000117, AL078477, AL354915,  AL136223, AC023134, AL136418,  AC004884, AC007363, AL121934, AP001687,  AC006241, AC005154, AC016568,  AC022027, AC003075, AL080250,  AC004019, AC008265, AC008753,  AC002094, AP000311, AC068811,  AC007393, AL445604, U85198, Z84814,  AC009247, AF029308, AC083871,  AC027689, AC004814, AP001718,  AC009262, AL035694, AL136999, AL049643,  AC008562, AC020637, AC004053,  AL031116, Z86061, AL391867, AC009079,  AF067844, AL034408, AC005988, AL161666,  AE000661, AC008519, AC011749,  AL354891, AC002395, AC008372,  AC007437, AC006005, AC005284,  AC010877, AF001549, AC008842,  AC007037, U66059, AC009228, AC000385,  AL121900, AC007919, AL031281,  AC008892, AC004650, AC006344,  AC007364, AL445483, AL445984,  AC005535, AC002402, AL389883,  AC006511, AC005516, AP001714,  AC008770, AF060568, AC005962, AL163283,  AC005660, AC079033, AC018758,  AL139009, AC010165, AC005242,  AL121652, AC005019, AC006552,  AC002041, AC004840, AC019140,  AL157779, AL049868, AL359238, AL035659,  AC007620, AC005495, AC002457,  AL117341, AL031650, AC007204, AL050308,  AL163247, AC019046, AC008279,  AL096800, AL353788, AC002385, AF015149,  AL356479, AC010382, AL136305,  AC008039, AL137141, AC011477, U18394,  X55925, AC004008, AC008115, AC013737,  AL136094, AL133282, AC017019, AL035688,  AC004945, AC006312, AC005393,  AC027319, AC007191, AC022409,  AL358214, AC020559, AL356278, AL049874,  AL096710, AL353696, AC008873, AL356782,  AC022432, AC016576, AC021020, U95742,  AC006101, AC009305, AC008844, </p>
--	--	--	--	---

				AL035668, AL008627, AF015147, AF302689, AL157760, AC006271, AL049762, AL359695, X53550, AP000328, AL356244, AC010104, AC005291, AC006442, AL157372, U18392, AL133284, AC005250, AL031428, AL157915, AC004070, U18391, AL157837, AC005900, AC020873, AC020873, AC000360, AC020561, AC020561, AC022276, AC027442, AL356318, AL359739, AL359739, AC004803, AC009083, AC022766, AC025388, AC040985, AC041031, AC073446, AL139131, AL357125, AC007952, AC009170, AC021314, AC021384, AC027414, AC031980, AC031980, AC073219, AF287957, AF287957, AL096841, AL354696, AC007309, AC007309, AC023864, AC023864, AC025831, AL355975, AC026496, AC010882, AC011114, AC012454, AC013787, AC016142, AC021162, AC022795, AC023583, AC023583, AC027105, AC034101, AC055119, AC068289, AC068315, AL353659, AP002347, AC010073, AC016042, AC026488, AC069371, AC015587, AC025975, AC026520, AC027095, AC009691, AC026144, AC026532, AC034274, AC036149, AC072051, AC073849, AL136232, AC018877, AC025869, AC073481, AL157766, AP000590, AC022752, AC044860, AC055855, AC055861, AC010853, AC011036, AC016319, AC016366, AC021993, AC022950, AC023217, AC027393, AC027531, AC027544, AC068519, AC023315, AC025869, AC015604, AC021212, AC034243, AC055845, AC068755, AL157775, AC023415, AC060774, AC067779, AF238279, AL356423, AC034137, AC036204, AC068682, AC021164, AC048369, AC048369, AL161613, AL161613, AL353694, AP000892, AC026556, AC067779, AC067779, AC024475, AC026936, AL359709, AC073446, AC073446, AP001176, AC022626, AC024361, AC041025, AC068483, AC021706, AC023309, AC027142, AC027142, AC008470, AC022091, AC023006, AC067800, AC067907, AL161903, AP001992, AC010763, AC016538, AC027818, AC019091, AC027584, AC027584, AC012201, AC016797, AC027408, AC027772, AC015995, AC026566, AC073637, AC024407, AC012461, AC025987, AC025987, AL121983, AL139255, AL162590, AL355605, AL355605, AP001929, AL356256, AC027546, AC025181, AC008837, AC009095, AC009899, AC016615, AC021328, AC022036, AC022042, AC022922,
--	--	--	--	--

					AC022922, AC023583, AC023672, AC031987, AC036143, AC026980, AL162727, AC016524, AC012110, AC012110, AC013604, AC055788, AC055805, AL121976, AL158173, AL358492, AC018604, AC008749, AC010550, AC068821, AC024337, AC021014, AC027473, AC068260, AC068644, AC069290, AC069362, AC073108, AL158154, AL353139, AL354928, AL355348, AL357118, AC027264, AC060817, AC011233, AC015615, AC015615, AC019092, AC019092, AC022051, AC023968, AC062010, AC069483, AL139234, AL365209, AC021921, AC013394, AC013394, AC016539, AC021384, AC021901, AC068196, AC068196, AL139234, AL354657, AC073909, AC009868, AC011962, AC013758, AC021401, AC027232, AC073404, AL390917, AL390917, AC004170, AC004170, AC007459, AL096708, and AC010879.
HAGFW13	106	634611	1 - 897	15 - 911	AI468460, H24400, H24387, BF852314, AW007763, BE069014, AI679782, AA340003, BF868392, AI625548, AA443390, AW069807, AV719193, AI648558, AI688846, W25284, BF901544, BF916105, AI284640, AA229785, AI929531, BG014866, AI340453, AI339850, AW162049, AL046409, BE787738, AA441788, BF954967, AW193432, AI962050, AW080134, AW889857, AW276827, AI264743, AA659083, AI205126, AW470037, AV719506, AU151000, AI431303, AW438643, AV703137, AV725423, AV701499, AV728425, AV706025, AL041412, BF217299, AW886165, AW886169, AA745582, AA744074, AI613280, AA744088, BG249643, BF984148, BF929540, BG010083, BF896102, AI917271, BG167743, AW029038, F36273, AI345654, BF940837, BG057141, AI471481, AA707289, AA515051, AU144500, AI251002, AI341664, AV718479, BF241967, BE881449, AL119391, AA747472, AA745355, AW338869, AW264973, AW517737, AI350211, AV719316, BG171472, AW836456, BE069186, AW963497, AA558697, AA347927, BE151726, AA362573, AA115968, AI499094, AW516301, AW166815, AW190760, AI354426, AA584581, AV752696, AL043721, AW511743, AL137954, AI904894, AW969694, F18974, N71724, AW969698, AW419262, AL041368, AA664535, AW972871, BE783766, BE786975, BE293796, BE889588, BF678323, AL038785, AW193265, BF185352, AU145462, AC006369, AC007282, AL445483, AC007097, AL163206, AL133411,

					AC012597, AC007243, AC006084, AL117382, AC007450, AC008447, AL132777, AC008716, AC010269, AC004067, AL355836, AL138725, AC006195, AC025442, AL359382, AL133249, AL356513, AL031673, AC009506, AL359457, AC002072, Z99716, AC006017, AC000385, AP001671, AL122057, AL133282, AC006152, AL132987, AC008760, AC022443, AC003087, AC004900, AC011288, AC009756, AC002381, AJ246003, AC009073, AC004996, AL160234, AC006139, AL133289, Z84478, AC010289, AP002532, U82671, AL034451, AC004820, AC003109, AL353999, AL022068, AP000514, AC011604, AP001331, AF196972, AL138976, AC016572, AC018752, AF196971, AC008543, AP000354, AL049550, AL133329, AF280107, AC008071, AC009484, AC007344, AC013429, Z95152, AL109921, AC006511, AL049835, AL356005, AL157779, AF205406, Z84487, AC016831, AL021808, AL354696, AL133153, AP001666, AL357153, AC004527, AC006026, AC022324, AL157775, AC006600, AC005844, AL136454, AL031123, AC008055, AC040163, AC007248, AL157827, AC005386, AJ009615, AC002454, AC006120, AL357141, AP001680, AL133325, AL117351, AC022073, AC007402, AL355476, AC009567, AL049629, AC007000, AC010748, AC011742, AC009892, AC006101, AL035427, AL157877, AF128525, AL133240, AL035705, Y10196, AC005962, AL357497, AL133553, AL034405, AC005406, AL137000, AC004053, AC026239, AC007392, AC008739, AC004650, AL132715, AL359846, AL132639, AC005023, AC002382, AC007488, AL445249, AL139109, AL022310, AC007878, AL163283, AC020977, Z84488, AF017104, AC016689, AC002429, AL139395, AC021068, AL353706, AL136109, AL109753, AC006975, AL138702, AJ277546, AL354750, AL049537, AC000120, AC006043, AL163278, AL049543, AL138783, AL121658, AL163281, AP001346, AC004924, AC020948, AL078581, AF117829, AL049589, AB014078, Z98255, AC020595, AL390023, AL031387, AL109761, AC003668, AL356782, AC008498, AC020898, AC004014, AP000548, AC007388, AC074338, AC002412, AL359012, Z98941, AL359458, AL121694, AC079033, AC009404, AL022394, U80460, AC025435, AL157814, AL035415, AF003529, AC010142, AL031681, AC024603, AL031671, AL355520, Z84814, AF240628, AC006344, D87009, AC025463, Z83841, AC008430, AC020655, AL391666, AC005826, AL357507, AC012067, AP000355,
--	--	--	--	--	--

					AL161788, AL356801, AC073539, AF064858, AC005915, AF064862, AC073504, AC007065, AL139421, AC006989, AC027442, AL355975, AC027105, AC009088, AC022051, AC016560, AC068196, AC068196, AC013758, AC021401, and AC010761.
HAGHE85	107	838059	1 - 1683	15 - 1697	BF771774, AI733856, BG180976, BE501593, BE062476, BE062478, AW856329, BF526964, AW500684, AI755214, AI282479, AI754567, H68343, AA630854, AI114733, AI754105, AI821382, AW328000, AA572813, AW576251, AW237905, AW328331, AV758870, AW851405, BF870792, T74524, AA169245, BE968744, AA704393, AV647070, AV759632, AI251576, AI791659, AA639155, AW270385, BE970985, BF920612, BE645220, AI291439, BG116585, AI133552, AL047349, AW575605, AV760014, AI278972, AI620585, AA533545, AI431513, BE049095, AW865946, AL046519, AV762430, AI537995, AI130709, AL042373, AI279417, AI583466, AW505253, AA524616, AA714110, AI814682, AW341978, AV761107, AI609972, AI859438, BE301584, BF897533, AW962611, AA284247, AV730986, AA225406, AW855643, BF854308, AL524675, BF826830, AW970980, AI247183, R44593, AW778780, AI536858, AV755593, AW148775, BG222813, AW958962, AV754716, AW272294, AI306232, AI926728, AI783911, AW976024, AI887235, AV647713, BF845126, AI628859, AI912401, H05066, AA877992, AV745803, AA632765, AV746152, AI064786, AA420546, BF841981, AW970064, AW272640, AL163202, AL138715, AJ239321, AP000541, AC078899, AC010620, AC008463, AC012627, AC011477, AC024563, AC008554, AC008739, AC007204, AC010329, AP000540, AC073539, AC003973, AC010636, AC022432, AC011482, AC022409, AC025811, AC006457, AC006455, Z95704, AC006557, AC000378, AC011493, AC007793, AC006539, AC002519, AP001660, AL353653, AC007561, Z85987, AC005840, Z98257, AC006019, AC008537, AL139100, AP001711, AC002477, AP001710, AC007684, AC006028, AC005081, AL139120, AC005049, AC008616, AL359457, AL021878, AL121900, AL031311, AL136172, AL031846, AL109743, AP000210, AP000132, AC008044, AL353804, AL024507, AC018832, AL031594, AC011491, AC005380, AC022137, AC010605, AL391415, AC004832, AF207550, AL031668, AC008394, AC006064, AL357560, AL137073, AC004797, AC087225, AL132855, I34294, AC011449, AC016027,

					AC005251, AL109853, AC016830, D84394, AC007722, AC020626, U95739, AF196779, AL158830, AC002430, AC005088, AC002302, AL049776, AC005919, X76498, AL021578, AL050335, AC007384, AC010219, AL163201, Z98751, AC006515, AL049699, AC011489, AC005914, AC004253, AL136228, AC003982, AC026424, AC020663, AL137839, AL162740, Z95115, AL133243, AL158198, AC006160, AC006101, AC004408, AC006040, AL359077, AL136137, AC005535, AJ277546, AC004859, U91326, AC002316, AL121952, AL035420, AC006967, AC004089, AL078461, AL121601, AL022147, AC006121, AC005412, AL049766, AC004771, AC008372, AP001752, AC005538, AC019046, AL050318, AL135839, AC011464, AC007731, AC004025, AP000356, AC003010, AL080242, AL096701, AC007371, AC005500, AC004840, Z82190, AL031662, AL161670, AL024498, AC005291, Z97056, AC002044, AL034380, AL034549, AL078463, AL391259, AC007308, AP000248, AP000694, AP000014, AL450226, U50871, AC006388, AL354864, AC007262, AC000029, AC009314, AC005368, AC004125, AL159988, AC009228, AL137039, AL132987, AC006011, AL353802, AL109952, AC005839, AC020898, AL078581, AL035659, AC008403, AC009247, AF157816, Z93017, AL117380, Z98051, AC004106, AC009244, AC017111, AL138725, AL035422, AC005225, AL121694, AL109984, AC011490, AL078591, AL360227, AC005220, AC000039, AP000503, AL135928, Z98304, AL034423, AC004232, AL158033, AL109956, D87012, AC011895, AL008718, X96421, AL159977, AC007792, AC006277, AC007686, AP000362, AL161665, AC004824, AP000322, AC023105, AC007021, Z99716, AJ224877, AC007041, AL022163, AC004985, AC006329, AC004821, AC007850, Z97632, AC004796, AC007388, Z84487, AL450224, AC004816, AL031601, AL031601, AL031601, AJ239321, AJ239321, AJ239321, AC036170, AC036170, AC036170, Z82252, Z82252, and Z82252.
HAGHR18	108	655435	1 - 1128	15 - 1142	AA678513, and AC009671.
HAGIB90	109	845963	1 - 962	15 - 976	BE891206, BF967846, AV703582, AA527457, BF940287, BF593918, AI741347, AI741312, BF435968, BF437119, BF432869, AI122793, BF439541, BE247761, AI935314, BG149715, AW043581, AU154078, AI650362, AA745613, AA865770, AI633528, AA418851, AI123807, AW136604, AI694688, AI638182, AA418967, AI436139, AA622393, AI400477, AI436792, BE466805, AA805549, AW341339, BE465548, AA417648,

					BE042628, AA236483, AI302414, AI217396, AA706975, AA251411, AA419604, BE869348, BF475978, BE504472, AA742171, AI277840, BG149204, AI758240, N38875, AW274002, AI494170, AI560818, AA483969, AI200478, AW969761, N52604, AI766961, AA418188, AW469014, AI042191, AI494197, AI375507, AW384949, AI168725, AW614590, BE545769, AA258178, W24862, Z39480, R69046, AI624854, N95710, AA729604, BF430920, T58995, H73668, AW609202, BF592146, H73411, AA234480, AI474150, T66761, AA939294, AA834923, R22484, T66763, AI185400, AW861886, AW861940, AW861890, AW861943, R02148, AW861958, AW858459, AA213628, BF965401, AW858613, AW861915, AI919386, BG249977, H45509, R69047, AI569483, AW363643, AW861962, R22432, H45510, AW861916, R00908, N79037, AI202086, BF327305, R43115, AW861970, AI700144, H84361, R17866, BF842723, AA714783, T83704, AA773486, AW841139, AW754350, BE928834, AI492413, AW963481, BF857657, AF038186, AC011477, AF060866, AL389983, AC013280, and AC013280.
HAHEM51	110	835871	1 - 644	15 - 658	AV706223, AV726590, AV709935, AV725031, AV709580, AV729473, AV702164, AV706407, AV661286, AV654035, AV704785, AV729424, AV704144, AV691615, AW955629, AV703086, AV702781, AV706882, AV725617, AV701858, AV707654, AV727139, AV727618, AV726337, AV727238, AV703214, AV660096, AV728743, AV704626, AV656240, AV702795, AV702498, AV701728, AV707088, AV686417, AV705299, AV682997, AV709880, AV705234, AV727459, AV726755, AV708991, AV646347, AV701873, AV727126, AV703515, AV728997, AV709273, AV661369, AV692972, AV709326, AV707510, AV707268, AV708872, AV701783, AV706012, AV702817, AV699153, AV706718, AV701880, AV687342, AV709356, AV689800, AV706183, AV687909, AV702787, AV726787, AV727822, AV647692, AV651897, AV725618, AV708786, AV726194, AV653353, AV709932, AV705416, AV652528, AV706162, AV694871, AV685688, AV728270, AV725582, AV728404, AV707649, AV707420, AV709618, AV725321, AV655067, AV701874, AV709733, AV702728, AV753667, AV703012, AV701704, AV707368, AV708858, AV704590, AV702671, AV707589,



				<p> AV728715, AV709494, AV708520,  AV702954, AV705504, AV729366,  AV703035, AV707264, AV702339,  AV707311, AV706989, AV693005,  AV704954, AV726830, AV703632,  AV705525, AV702071, AV705239,  AV699269, AV650367, AV656004,  AV709776, AV704879, AV704401,  AV705976, AV702783, AV729597,  AV683012, AV706683, AV704245,  AV706925, AV659536, AV652001,  AV708320, AV703989, AV725369,  AV709222, AV727343, AV706025,  AV703761, AV707948, AV707822,  AV708720, AV725991, AV703388,  AV650843, AV660258, AV728210,  AV706874, AV727347, AV706357,  AV707556, AV702187, AV704740,  AV703137, AV725152, AV726505,  AV702792, AV727469, AV707528,  AV727018, AV658784, AV649758,  AV707942, AV704611, AV725431,  AV705662, AV707933, AV699182,  AV701844, AV707639, AV707322,  AV725441, AV707882, AV726480,  AV728289, AV701499, AV704971,  AV650895, AV703232, AV728436,  AV650873, AV703525, AV725494,  AV704865, AV708347, AV701953,  AV725255, AV727541, AV708423,  AV705814, AV702463, AV701626,  AV705266, AV701879, AV703168,  AV708024, AV660516, AV705263,  AV706234, AV729357, AV725596,  AV705866, AV654287, AV704520,  AV661744, AV708809, AV703284,  AV704916, AV707171, AV725281,  AV706290, AV655986, AV704580,  AV705343, AV706453, AV704279,  AV688061, AV725577, AV704605,  AV699156, AV726067, AV704481,  AV726392, AV707690, AV707401,  AV725514, AV702163, AV728884,  AV704567, AV708988, AV703927,  AV704031, AV706047, AV704660,  AV705550, AV726948, AV705020,  AV727723, AV706220, AV702958,  AV701586, AV726156, AV697638,  AV729408, AV706330, AV709897,  AV708610, AV727576, AV707658,  AV726838, AX020190, A25909, AR088705,  AR062871, AR038855, A85395, A85476,  AR079804, AX028305, AR017907,  AR091393, AJ244005, AX021518, AJ244004,  AX009487, Y16359, AX026824, AX026823,  AR037157, AX001322, U94592, AR062872,  AJ244003, AR062873, X81969, AX006816,  D78345, AX001082, A20702, A20700,  Y09813, A43189, A43188, AX006825,  AX006826, AX006822, AX042372, </p>
--	--	--	--	---

					AX008555, I18895, A98767, A93963, A93964, I63120, A98420, A98423, A98432, A98436, A98417, A98427, D50010, A86792, X83865, A84772, I44681, A84776, A84773, A84775, A84774, AR008429, AR054109, AX006821, AR067731, I08396, AR067732, I15717, A58522, I15718, A91750, AX035462, I08395, A93016, I13349, I62368, AX047064, A60212, A60209, A60210, A60211, AJ244007, AX047063, E03627, AX011024, A18053, M28262, AR031566, I48927, AR096545, A90655, AX032992, AX032993, Z32836, AX009712, AX003207, A58524, A02712, AX006823, I84553, AR073846, I84554, A77094, A77095, A58523, AR080470, AR077142, A81878, I00682, AX033488, AR069650, AX033489, AX033490, A95051, I06859, AR095492, A18050, AX012337, A23334, A75888, I70384, AX033474, AX033486, AX033487, A64973, A60111, A23633, AR007512, I66485, A35537, A35536, A11624, A11623, E00609, I66487, A02136, A04664, A02135, A04663, E13740, I05558, A11178, E01007, AX035980, A70872, A10361, AR043601, A11245, AR093392, I03331, E12615, A02710, I49890, AX018504, AX032758, AR035193, A92133, E14304, A07700, AX027811, AX027809, A13393, A13392, AR031488, I13521, I52048, A27396, AX027813, AX030369, AX030368, AR069374, AR027100, I44531, AF149828, I28266, AR069375, AX042377, AR083151, AX027812, AX027810, AR091518, AX027816, AR072535, AX042375, AX027817, AX027818, AX027814, AR085082, AR085089, AR085091, I21869, AJ270780, AX042373, A91965, I44516, A70040, AR085079, E16678, A82653, AR085083, AR093385, E16636, A95117, AR074365, A24783, A24782, AR095490, AR095491, AR038066, I01995, I19525, AJ230935, I25027, AR069426, A70869, I26929, I44515, I26928, I26930, I26927, I08051, I60241, I60242, X07299, AX043922, AR070327, A20699, E00696, E00697, AX027636, AX001330, E03813, AX003206, AR093384, I66482, AR009151, I66483, I66484, AX004550, AX036660, AX036661, I66498, I66497, I66496, AR027099, I66486, AX023553, AX003194, AX023548, AR072540, AJ230902, AB043473, and AR051652.
HAHSA76	111	848816	1 - 1574	15 - 1588	AA478498, BF435831, BF694558, BF576299, BF576281, AI184867, AA256526, AA256633, AA733154, Z19507, Z28554, BF435144, BF693719, AI702040, AA862946, and AP002012.
HAHSD51	112	847014	1 - 579	15 - 593	AV702505, BF667450, BF527488, BE900211, AV701178, AW960514, BG171086, BE562305, BE513572, BE513430, BF339961,

					BE901112, BE733127, BE728364, BF185009, AV751339, BE900751, AI150878, BE562672, BE254964, AI311727, AA406014, BE778285, AW024373, BE731269, BF681648, W93415, AI885319, AI056320, AA045234, AW183720, AI568498, AI733407, BE562735, N32721, BE741920, AI096685, AI346415, AW328001, N92586, BF446178, BE439989, AA156823, BF195616, AA282663, AA628427, AA135694, AI278010, AI140592, N94409, AI086428, AI074058, AV703381, AI084153, W40364, BF678851, AI475836, AV654516, AI216110, AI612824, AA136864, AI292049, AA861934, AA761493, D80404, AI264151, AI186172, AI126439, AI089903, AW083811, AA136957, AA099367, N51050, AA570311, AI708821, W93618, N62111, BE714497, W37187, AI720142, AA708795, AA719714, AA452001, W03477, AI350889, AI073678, AA923526, AI051818, R71258, AA837038, AI188859, AA947063, AI918344, AA923528, BE835589, H87761, R71313, AW959323, H87810, H52452, AA188060, AA365364, AA321675, F19162, H37956, AI268100, AA365363, R62709, AI272174, BE151181, AI338201, AA527648, AA187160, N25165, N56722, D81749, AA524443, H93869, AA830011, N29714, AA365658, AA339090, N23142, AI241000, F19399, R50670, AA096465, H57350, T81945, H28774, F26482, H26248, AA385131, AI368468, AA317367, AA338937, BF752272, R62581, N92983, BF508740, AI620422, H06430, AI040294, BF947149, AA365915, AA302322, AA302608, F28679, AA324852, BF807039, AW800130, AA126684, H85994, AA059174, AA977263, H28747, AA722701, F36645, R07769, AA769847, AI873488, AA721382, N78342, AA552290, AI148851, AW273385, AA552247, AA521069, AI144385, AI493540, AI743115, AI417622, BE926391, AA688392, AA058810, AI370556, AA101917, AW170117, AA738233, H57398, AA135615, AA524197, AA973224, AI351734, BF357992, AA593011, AI338112, AI051481, AA074461, BF855406, AA402901, AI249960, AA001099, AI766353, W21174, AA459533, AA459520, AA059116, AA052921, AA459302, H86354, AA459290, AI186053, H37792, BF981655, F32362, AI927524, H25662, F16938, F34005, BE707936, AA620921, and AL360263.
HAIBR76	113	874298	1 - 2341	15 - 2355	BE907625, BE901428, BG114434, BF530873, BF339622, BE877888, BF115054, BG120408, BG253503, BE874850, AW590006, AA292298, AA843532, BF528648, BF033637, AI433843, BF436709, AA399200, AV729269, AA533999, AI185166, N38845, W95775, AI131156, AA164719, AA621188, AW438758, AI673176, AA487069, AA486623, AA036716, D52279, AA025036,

					BF512482, BG118738, T03759, AL049048, BF439713, H29434, AI969135, AA025136, AI038409, W22394, C15177, AA927381, AI908260, AW606001, C14139, D53887, BE769554, Z42176, H68229, BG168347, AA595175, AA770219, AI089848, R87677, BE718977, BE718982, AA628275, BE718965, H29337, Z38433, AI203741, R30830, AI088895, AI018350, AA300872, AA370741, BF932266, AA922249, BF508058, AA164981, AI929277, AI816536, BE220246, BE468208, AI690079, T60381, AI525221, AC005828, AB032974, AC005828, AC005828, AC002345, AC002345, and AC002345.
HAIBT20	114	741086	1 - 1423	15 - 1437	AA461563, AL136128, AC068681, AC068681, AL136128, and AL136128.
HAIBV91	115	852223	1 - 2036	15 - 2050	AI005613, W96522, AA487079, H29914, AA634209, AA487219, H43771, AI791150, R87275, AI338426, BE880415, AI307201, AW572140, AU158612, AC020913, AC008551, Z95152, AC002059, AC000026, AL161937, AC004687, AL118520, AC068799, AC006430, AC003010, AC008403, AL096840, AC004491, AC008569, AL445263, AL031727, AL132772, AC018663, U95742, AC007216, AL121899, AL049569, AC002553, Z85996, AF168787, Z83844, AP001727, AC020908, AC005887, AL031428, AL035685, AC006057, Z85987, AC002070, AC007308, AC027319, AJ400877, AC005081, Z93241, AL136170, AC003982, AC005103, U95740, AC010271, AC004840, AL137073, AC002303, AC005004, AL031658, AL139353, AP000346, AC003104, AF047825, AC004865, AP001718, AC011465, AL121890, AL050318, AC011495, AC007938, AL031005, AC007688, AC010519, AC010198, AC008267, AL022323, U91318, AC004966, AC006530, AC020916, AC004382, AC002492, AC007540, AL078461, AC009086, AL035704, AC005803, AC005399, AC006312, AC005899, AF243527, AC002115, AC011489, AC003070, AL034549, AC011510, AC009079, AL031685, AC007277, AC011445, AL023807, AC011484, AP000952, AP001711, AC005088, AC002470, AC011742, AL024498, AC073316, Z84572, AC003684, Z95115, AC010412, AC008745, AC002288, AP000501, AC005914, AF053356, AC005588, AL138756, AC004859, AL138820, AL096814, AL049712, AC005513, AC005015, AL139396, AP000115, AC002400, AL121895, AC004876, AC020552, AC022392, AL138759, AL135927, AC008760, AC020917, AF207550, AC002544, AL109797, AC004867, AC004084, AL034429, AL031427, AC012384, AC005071, AC005908, AC007193, AP001752, AL050348,

					AC006064, AC009060, AC006581, AC006345, AC007227, AF111168, AC004685, AC004965, AC007386, AC006111, AL109614, AC003101, AC009509, AL022316, AL162724, AC005488, AC010203, AC011811, AC005722, AC004906, AC017002, AC006449, AC004686, AC008764, AC002551, AC020906, AC002300, AP000247, AC004983, AL022238, AC011500, AC005821, AL096791, AF195953, AC004228, AC005971, AC007387, AC007912, AC005005, AC009955, AC009134, AC002395, AP000106, AC005529, AC007220, AC006597, AL162458, AL035089, AC011497, AC007011, AC011551, AC005519, AP001710, AL157838, Z94056, Z98949, AL050335, AC022148, AC005751, AC005086, AC008372, AC005098, AC011455, AC011469, AL035681, AL160313, AP000500, AC005020, AC005828, AL138478, AL050349, AL035684, AC008687, AC008753, AL031255, AL034548, AC024100, AC024100, and AC024100.
HAICE62	116	834523	1 - 1954	15 - 1968	AU132768, AI150674, AI201550, BE887731, BF797312, AU133896, BE886937, BF976248, BG116862, AI935161, AI764995, AI949627, BE894586, BF691352, BE502062, AU118541, AL135328, AI557507, BG259326, BE539774, BF978993, BF950716, AV751988, BF028357, AI421821, BE896516, AI660475, BE857412, AI928018, AI823470, AI823471, AA479500, BE834014, AW118824, BG109990, AI271334, BE785695, AU155062, BF961398, AW500446, BF941436, BE300247, BE858994, AW408026, AW292371, AI620359, AW052061, AI766262, AV715808, AA633532, AA554535, AW505212, AI673292, AI027570, AW273776, N70484, AW338139, AW501707, BF696094, BE088652, BF594650, AI760792, BE004296, AI186323, AI279748, AA975418, AA715033, AA970492, BF672314, AW605876, AA883296, AW504601, N35973, AI628400, AW337568, AA482028, AI051909, AA488888, AW191990, AI341856, AI804205, AW235238, AI926810, AV660012, AA987966, AI702537, AW664754, AA765790, BE082705, BF431459, AA923504, AW873707, AW499806, BF794528, AV748667, BG030045, AI524554, BF752173, BF752172, AI360518, AA236276, C00553, D61955, AW273652, AI471225, BF325664, AW505157, AI934271, BF082656, AI393039, AA868061, AA234286, BF215287, BF801368, AA868041, AV659779, BF669825, AI468843, BF752188, AA371204, BE175899, AL046157, BF571421, AL042309, AA417589, R74197, AI291217, AA479497, BG036107, AK001650,

HAICL90	117	637491	1 - 740	15 - 754	AK023321, AB016839, and AK021657. W25214, AA515844, BF746832, BE071210, F31980, AW104861, BF849381, AI334078, AI371165, BE440005, AI890794, AI279417, AA507984, AI050070, F37294, AA613177, AC020934, AL096791, AC008569, AL096840, AC004703, AC010643, AC006285, AC005899, AC010271, AL024507, AC008474, AC005900, AL031733, AC016025, AL023096, AL109865, AC006345, AC009116, AC003080, AL391259, AC010412, AC004973, AL133391, AL035587, AC006121, AF228703, AL080243, AL355392, AC024561, AC005531, AL137222, AC004655, AC005391, AC004030, U47924, AL109743, AC008044, AC008816, AL022165, Z83844, AC004805, AC011533, AC005231, M89651, AL139390, AC007308, M26434, AF053356, AL121712, AL035659, AL049776, AC008649, AC020913, AC004971, AC004526, AC008745, AC005778, AC011444, AC005519, AC008687, AP001759, Z93015, AC004890, AC005225, AC009314, AC018720, AL035404, L44140, AC008403, AL035458, AF168787, AC010311, AL136228, AC004257, AJ295844, U95739, AL022476, AC005052, AC004751, AL049709, AC005520, AL135749, AC007383, AF111168, AL133545, AF190464, AL137139, AC010326, U91323, AC004132, AC009600, AL138832, AL022323, AC020906, AL109798, AC020904, AC006449, AC011449, U62317, Z95115, AC018758, AC024168, AL133448, AC008641, AC005696, AC004382, AC011460, AC006038, AP000113, AP000045, AC008551, U91321, AL161937, AC004841, AL353574, AL139150, AC027319, AL109984, AC003982, AL161731, Z97055, AC015971, AC011464, AC016395, AL159168, AC002425, AC006141, AC018644, AP001711, AP001727, AC011469, AC006329, AC010203, AC010677, AC005049, Z82206, AL162390, AL031283, AL022328, Z98884, AC020633, AL031584, AL035086, AC023510, AC005940, Z95116, AC009123, Z93017, AL138756, AC008821, AL121586, AL353777, AC018738, AC011895, AC078889, AL137059, AL139384, AP001753, AF038458, Z93784, AC018761, AC018761, AC018761, AC020934, and AC020934.
HAICV44	118	772534	1 - 1310	15 - 1324	BF971284, AW993277, BF672941, BF344424, AI393509, BG028030, BF593648, BE858897, AI088349, BG114260, BG027505, AI422244, AI144172, N45298, AA459205, BF576980, AA723286, BE856201, AW992964, N31126, AV719045, AA587890, BG118761, AI423984, AU155918, AW957211, AA744886, AW392712, AI089460, BF791291, BF577287, BF126452, AW022043, AI056639, N31208,

					AA579584, AA159775, N21112, N33275, BF789929, AI350124, AI580828, BG025069, AA258190, AI570468, BF724661, BE566760, AA923123, W86114, AI266551, W03564, H98522, AA693443, AI140017, AA449904, D57446, AW516977, H98897, AW022356, AI631243, AA159670, AW337721, AI608892, AW473223, AI628156, AW440366, BF674390, AA043174, D62804, D60495, W60139, AI174374, AW780400, W68572, AV722958, W68573, AA863419, AA724248, AA912234, AA907218, D79393, H21671, D79855, AI421529, D60496, H83367, AA552618, BF212652, H04097, AI580482, AA663590, U46277, R38674, BE782853, BE768700, T16452, BE883926, D57452, Z41132, H83715, D79650, H03399, H80514, AA370360, R44920, AI250176, AW605275, D61449, BF575021, AW183108, AA167577, AW954186, H69692, R44935, D29188, AI078860, N89248, AI829918, T50751, D62578, R44556, AA788666, H74200, AA258183, C00323, BG110810, F10723, AU143409, N83629, N44765, D61077, AW130073, D29614, AA860570, R86148, BG013315, N54747, AA370359, BF102674, BE074397, AA886677, AL079946, BE169166, AA410327, BG109804, AW044032, AI277148, AI291721, BE828510, AF180681, AB002380, AC016034, AC016034, AP000681, AP000681, AP000681, AP000758, and AP000758.
HAIDP45	119	847015	1 - 1168	15 - 1182	AV733033, BE465419, BE169829, AW207311, AV708798, BG118622, and AK024966.
HAJAB88	120	780114	1 - 897	15 - 911	BE616037, BE615280, BG180162, BE901105, BE295816, BF967149, AW182849, BE279280, BE615969, AI092942, AI972761, BF116253, AW410648, AI744086, BE900838, AW629493, AW071747, AI417665, AI076797, W94081, AI479793, AI803421, BE868763, AI005195, AW410647, AA649155, AA456665, AI827403, AA745830, AI096465, W52625, AI362083, BE857232, AA968430, AI079812, AI276080, AI934890, AV723753, AI309279, AI802432, AA885011, AI309206, AI298589, AI302399, AI375750, AI192342, AI017501, AW072907, AW081737, AA665056, BE858911, AI350260, BF967889, AI274718, AA769751, AA961542, AW087546, AA525841, BF087407, AI299711, AI918166, AA988598, BE172780, AA833819, AI305216, AA769250, AW954068, AI742103, AA383287, T35757, BE465779, AI219146, AW772833, AA884500, AI668953, AI670703, BE542179, BF929615, Z19494, H84543, AI630943, BF932761, AA975981, Z28548, W94080, D25769, AI000855, AI802291, AI567582, BE966571, AW059828, BE972216,

				<p> BE018334, BE965621, BF916588, AV682249,  AV706624, R36271, AI581033, BG257535,  AL514879, AW151136, BG179993,  AI953765, BG151388, AW834302, BF816811,  AI500061, AW051059, AV757453,  AL037454, BG114104, AV757018, BF344031,  BG116387, N22276, AV701580, AI623941,  AI583445, BE965307, AI923989, AV682330,  AI635492, AW162071, AW162194,  AL036901, AV702448, BF793187, BE047691,  BG260817, BF034349, BF724284, BG259944,  BE966839, AW021717, AV711924,  BG034039, AV734318, BF796447, AL119791,  AV756232, BF968151, BE877142, BF904194,  BE966443, BE876539, AV660592, BG034550,  BF886638, AW161579, AL045620,  BE535253, AV756177, AL036396,  AW963492, BG029053, AA470523,  AI473451, BE886686, AV732865, AV729760,  BG104845, AI540674, AL138386, BG026447,  AW020358, BF856052, BE904851,  AL038986, BF968511, AA225339, BG253026,  BE964614, BE965432, AI340603, AW020095,  BE965758, BE891942, BG260187, BE896094,  BF726218, AL524807, BE887982, AL514075,  AW983783, BF868811, AI521799, BE011880,  BG180605, AA641818, BF970768, AL048323,  AL514473, AV647773, AV723204,  AL138406, AL048340, BG260037, AI273791,  AV723062, BE965107, AW366372,  BG180996, BE048071, AA580663,  AV723772, AI890907, AI279925, BF793324,  BF764538, AV756440, AI349933, AW827203,  AI345688, AI537677, BE966990, AI818574,  AV726058, AL514791, AV722478,  AV724569, BG058150, AI440263, BG109125,  AV702994, AL513983, AI798456, BG105895,  AW161402, BE018711, BF877325,  BE778192, AV755290, AI583032, AL514359,  BF725644, AL047275, BF527014, AL514627,  BG026640, BF676355, BE620084, BG107444,  AL515047, BE785905, AV709390,  AA857847, AW020164, AC010463, L12981,  I48978, S78214, AK026480, AL133080,  AL117649, E05822, AL050116, AF208850,  Y16645, AF067728, AX042059, AF116646,  AL133640, X84990, AF126247, AL122050,  AL050393, AK024601, U49908, AB052191,  U78525, AL137533, U35846, A03736,  AB049892, I89947, AL133113, AR013797,  AF145233, AF118070, AL390154, AL157431,  AK000391, AF113690, AL137271, Y09972,  AF116631, I48979, AL096744, U42766,  AF210052, AL136884, AF090934, AK024538,  AL122100, AL389947, AL353956, AB016226,  AF130066, AK025435, AX019230,  AL110222, AB034701, AF116688, AL049938,  Y11587, A77033, A77035, AF087943,  AB048919, AK027164, AB032264,  AL137479, A08910, AK026600, A08909, </p>
--	--	--	--	---



					AX046603, AL359596, AL133016, AF130082, AL157482, AF061573, AX019229, AF078844, AF113677, AL122104, A08908, AK026784, AF130105, AL389935, AF130104, I89931, A86558, AF090943, AB047887, Y10936, AK025084, AK026613, AF116602, AK000323, AF146568, AK026542, L04849, AK027113, AF113699, AK026518, AK025798, AL117457, AL050146, AL137550, AF118094, AF097996, AL117587, AF177336, AF119909, AL137459, AF183393, AL137538, AK026630, AF090900, AK000310, AK026434, AB030279, AF061943, AR011880, AF130059, AL133093, A65341, AF218014, U58996, AK026649, AF113694, AK027114, AJ000937, U95114, AB048974, AL117460, AF090886, AK027144, A08913, AF130075, AK026927, AX006092, AL442082, AF104032, AF175983, AR038854, AL137526, AK027096, AF119875, AB041801, AK026045, AK000212, AK000083, AF017152, AL137488, X98834, A08916, AL080060, AL122110, AF175903, AF118064, AR038969, AF118090, AL110296, AF116654, AF094480, AF217982, E07108, AF130077, AL359615, AL353940, A08912, AL137527, AF056191, AJ005690, AL390167, A18777, AF116639, AF119899, Y11254, AF116610, AR000496, U39656, AL122111, AK025958, AK026741, AK026762, AB007812, AL110221, AR079032, AK025484, AF321617, S77771, AL122093, X93495, AL133560, AF116691, AK024524, AL049996, AK024992, AL049283, AB048953, AL050024, AF119896, X70685, AL359600, AL353957, AK025414, M96857, I03321, AF125949, AF119843, AF138861, AF039138, AF039137, AF130110, L04504, AL110218, S76508, AF113013, X98066, L31397, AL137529, AP001666, AF119894, AF116644, AL133558, AL117626, AK027200, AL133075, AF177401, AL442072, AF090901, AL080148, AK025465, U88966, AL137560, AF069506, E02349, AK026959, AF232009, AF218034, S68736, AL137555, AC010463, AC010463, and AC010463.
HAJAZ56	121	716168	1 - 1085	15 - 1099	BF940010, W52081, AI139014, AI200234, N62743, AI419067, AW450055, BE465080, BE670411, AI089767, AI419473, AW614700, N79684, AA452054, AA987258, AA451854, R69788, AI423130, AI573050, T05770, AA665033, AA247975, AA084615, and AC018689.
HAMFC67	122	588488	1 - 1365	15 - 1379	BF514452, AW024527, AA002160, W22415, AI521503, AI767872, H23992, AA251756, AA279913, AA251965, C14766, AA279401, AC021212, AC021212, AC017058, AC017058, and AC017058.
HAMFQ38	123	610051	1 - 567	15 - 581	BE217821, BG106602, BE326803, AU149173, AW299468, BE646271, AU153293,

					AU154281, AI432448, AI039818, BE467032, AU160794, BE042910, AL522125, AU152129, AU153911, AL519350, AI571337, AI963695, AA932292, AW043706, AI302679, AA236679, AA767544, AI735388, AI590210, AI224546, AI635374, AA234900, AI632813, AI085872, AU149933, AI142800, AW002721, AI049665, AW242940, AL529333, AI269171, AI741857, AA237091, BF978108, N68116, H05324, R43971, H24266, R94225, AL522126, AA513076, AI653576, R97540, Z41226, N67392, AA991730, BF966823, AW613396, AW952013, AA303429, AU138100, AP001432, AP000151, AP000010, AP001728, D87343, AK002068, AP000151, AP000151, AP001432, and AP001432.
HAMGG01	124	783864	1 - 1270	15 - 1284	BE621816, BE260483, BE621007, BE905714, BG109060, BG118283, BG027676, AW954377, AA147882, BE966297, AW967897, AI872084, AI199782, N35833, AI348066, AA861422, W63691, AW149397, BE677693, BF514612, AA252999, AW136699, AW571649, BF317165, BE535369, AI494225, AI288477, AA554493, AA255718, AW006946, AA070411, BF818894, AI608679, AA262075, N24631, AW173772, BF434167, AA479734, AA905123, AI271886, AA554605, BE246242, AA811761, BF843065, AW516090, AA761176, AA665942, BF185247, AI262319, AA654467, AA719263, AA811549, AI468593, Z25240, C01689, AA657996, AA863476, AA253000, AI445271, F03345, AA374834, BE067213, AI655472, AI184423, R55333, BF315199, AA147489, AA861904, BF314854, AA687856, BF314965, AA678705, BE785716, H30097, Z28862, BE737365, AW974896, AF063544, AW997238, AA770575, BF965480, AI904024, BG116771, AI811603, AV724778, AI348777, AI335426, BF969354, BE789373, AV714010, AI557622, BG168455, AI621106, BG167294, AI491904, AA587590, AV655250, AV749238, BF970398, AI370322, AI440444, AW020397, BF792961, AV656903, AI336575, BE880209, BE514043, AA641644, AA937558, AA832303, AI636187, AV724541, AL513595, AW005029, N29277, AA805132, AW301344, BE906744, AA835947, AI627692, AI635528, BE393551, AV734888, AI373914, AA729782, BF526707, AI273856, AW021717, AW963250, AI688146, AW411235, AA574444, BE245461, AI915443, AA127565, AI539863, AL037602, AW411351, AV726505, AI702902, AL037582, AV706527, AA669121, BF342678, AI633383, AW366372, AW962455, AI244249, AW411265, AW410902, AK000476, S56212, AK025099, AB047248, AB025103, AF094480, AK025491, AF126372, AL050143, L10353,

					AL137662, AB026995, AL122050, E12579, AL080140, AF131814, AF119875, X99257, AF217998, A44314, A86558, AF141289, AF192401, AF192402, A18777, A65341, AL049460, AJ005870, AF047443, AL133010, AL389957, AL110296, AX017991, AK000753, S83440, AF260436, AB016226, AB031064, AF188698, AF271350, AK027114, AK000083, AL117649, A91160, AF090886, AF155827, AF192522, AR068753, I08319, E03348, AR068751, E03349, U90884, AF120268, AR072729, AK025798, AL110228, AF090901, AF084644, AP000081, AF084645, L40386, U70981, Y11254, AF065135, A76337, AR072149, A76335, AL353957, AK026885, Z82022, AF217994, I92592, S68736, AL133608, A93016, X98066, AF114170, AF007142, AF130089, AF199509, AC004159, AL137539, AK027081, I30339, I30334, AF058921, A21625, AK026598, AL137555, U49908, AC025226, AF067728, AX042059, AF109683, AF177336, AK025375, AL080158, AB032264, AF166267, AP001156, and AP001003.
HANGB24	125	664478	1 - 417	15 - 431	AA600344, AI300465, AI376622, AI791654, AI376117, AI797291, AA534692, AI890125, AA877133, AV699843, AI769751, AV699461, AV700004, AV700602, AA056501, AI655898, AI791633, AW118107, AI961311, AV699972, D29031, T88845, AA348459, AI926428, BG028946, AI872896, T25160, AA056387, AI821488, AI821513, AC009105, AC009105, AC009105, AC026419, AC026419, and AC009163.
HANKC93	126	847018	1 - 862	15 - 876	BE315280, AA632674, AL109769, AC015550, and AF129756.
HAPAD35	127	840584	1 - 2143	15 - 2157	AV683406, AA425283, N72678, H53546, AV756663, AI754257, AW021399, AW020094, AA601712, BF942991, BE392753, AI167715, AI308529, C06046, AC069539, AL138752, AC016637, AC008040, AC007899, AL133453, AL035073, AC002528, AC007277, AL035413, AC009194, AL021877, AC006581, AL121582, AL139109, AL136090, AL121585, AC009244, AC020912, AC005901, AC018719, AC004025, AC016902, AC007436, AC008114, AL353748, AP000008, AL021393, AP000704, AC009276, AC004019, AP001727, Z98742, Z82901, AP001681, AL159977, AL138836, AL109840, AC055740, AL136300, AC025472, AC018637, AL157777, AL353580, AC002464, AC003081, AF181896, AF205588, AC010102, AC018492, AC005736, AL117348, U95742, AC008953, AC018641, AL117356, AL121949, AC008905, AL031120, AC007216, AC044791, AC006010, AC008865, AC004805, AC006146, AC005939,

					AC008009, AP000035, AF020503, AC008598, AP001713, AL158828, AC002070, AC004525, AL096764, AF049895, AB013139, AC005913, AF069291, AL033521, AC005697, AC004076, AC016395, AL138756, AL139120, AC087085, AC017111, AC007151, AL139022, and AL139022.
HAPBR13	128	609976	1 - 1571	15 - 1585	AW363149, AW296454, AW296725, AW373130, AW363152, BF354687, AI963720, AI561060, AA610491, AL119691, AL046409, BF668217, BF677892, AV761362, AI284640, AI431303, AF330238, AI334443, AW419262, AW274349, BG249643, AA587604, AV763971, AL138455, AW265393, AW088846, AV761745, AV735495, BF241967, AW303196, AW410400, AW500125, BF991286, AV759204, AI345681, BG059568, AI345675, AW301350, AA877817, AA720702, AW472872, BF337291, AV740801, AW265385, AU147800, AI754253, BG109996, AV757607, AV763540, BE672637, AW965008, AL138265, AW963497, AI754336, AA581903, AI679782, AV762098, BF827410, AA665330, AV764329, AA521323, AI350211, AI919265, BE006140, AW338086, AI571512, BE150580, AV710066, AI370074, AA178953, AW576503, AA521399, AW872676, AU147104, AA192740, AL041690, BG058664, AV762645, AV702857, AI254615, BF475381, AW193265, AW327868, AW574794, AA164251, AA126450, AL046457, BG059450, AV761489, BE139146, AI061334, AI368745, AW276827, AI471481, BE047069, AA680243, AV729809, AI270117, AV759362, AV760937, AV763354, BF763962, AV742057, AW406755, AL037683, AV762395, AW406447, H71429, AV703682, AW975425, AW028429, AW167372, AV763633, F36273, AA491814, AI613280, AI289067, AL042420, AW772780, AW193432, AI457397, AV735370, AW029038, BF793766, AV757425, AI745325, AA631507, BF683672, AV728425, AI761471, AI281881, AA551552, BF918590, AI149478, AW408717, AI537955, AA101689, AI708009, AI688846, AV758600, BE674881, AW339568, AA513141, AW162049, BE970240, BF311000, BF679809, AI929531, AI370094, AV762050, AV762139, AI865905, AW504669, AV762009, AL044940, AI298710, AW265194, AF063563, BE350475, AI370878, BG177715, AI732120, AI344844, AW276435, AU145314, BF592311, BF724767, AI341664, AI345654, AV762064, AL048925, AI635818, AW974109, AW021583, BF919090, AW996768, AI619997, AW406162, AV762397, BF854876, AW960468, AW265170, BE906897,

				BG104686, AI133164, BF841869, AA507824, BF851403, AV764307, AW872575, BF725504, BE042649, AV763670, AI821714, C05986, AW511743, AV725423, AW070892, AI340453, AI017415, AI801591, AW023672, AV762959, AI358229, BG171422, AA649642, BG150790, BG107801, BF541120, BF592200, AI469968, AW438643, BF724372, AI801600, AF243527, AC011811, AP001753, AC009516, AC008892, AC008770, AL135901, AP000553, AC018751, U95740, AC005257, AP001711, AC006111, AP001748, AC006241, AL049709, AC020916, AC005531, AL163201, AC008569, AC005081, AB023049, AL031295, AL353748, AC004867, AF068862, AL354829, AC007546, AC008687, AC007055, AC009362, AC005069, AC005519, AC002430, AC008969, AL021878, AC009247, AC007384, AP001692, U47924, AC005911, AC027689, AC005004, AC011484, AL357153, AC011452, AC005089, AL117381, AC005839, AC005514, AF049895, AL021453, AC003665, AL157791, AC006512, AC023158, AL035072, AF015148, AL133545, AC022201, AC009060, Z99128, AC007225, Z84480, AC008760, AC005019, AC022392, AC007428, AC011895, AP000133, AP000211, AC073148, AC009228, AC005900, AC062020, AP001705, AC012442, AC002106, AL121652, AC007404, AL035659, AC004019, AL078476, AC008616, AC006285, AC007051, AL121897, AC023510, AL049780, AC008812, AL353807, Z99716, Z83846, AC006028, AL079303, AC002301, AC010271, AL135940, AC008068, AC002349, AC020893, L44140, AL121601, AB041731, AL023879, AC002395, AL353739, AF196779, Z85986, AL031257, AL022328, AL158830, AC004824, AL117354, AL445189, D84401, AP000563, AL031904, AP002085, AL009031, AL121653, AP001630, AL031848, AC004933, AL021977, AL049759, AC006345, AL118520, AF217403, AF279660, AC084693, AL080242, AL137918, AC005544, AC005013, AC004821, AL391839, AC008403, AL035458, AL080243, AC020550, AC006530, AP001732, AL163282, AL079342, AC018639, AL034549, AC008745, AC007383, AC006271, AC007365, AP000557, AC004596, AC005146, AL157838, AL109919, AC011495, AC024561, AC006441, AP001681, AC010252, AC022432, AC002549, AC006116, AL135839, AL079340, AC020663, AC000052, AC008623, AC018720, AC015853, AL118501, AC006965, AC011479, AC002287, AL034420, Z98950, AC004234,
--	--	--	--	--

					AC005920, AC004854, AC007057, AL109804, AC005261, AC007731, AL031670, AC010422, AC004236, AL117348, AC005500, AL391119, AP002529, AL021579, AL078461, AL049766, AC007043, AL109743, AL359457, AC073316, AC005520, Y07848, AC007919, AC004971, AL022320, AC007845, U82671, Z68756, AL139343, Z82215, AC012099, AC006453, AL121655, AC005225, AF126531, AC007541, AC007245, U91322, AC020626, AC004826, AP001685, U91326, AC005412, AJ246003, AP000039, AL031277, AC004846, AC009242, AP000555, AC008079, AC005629, AC006130, AF091512, AL139289, AP001700, AC009123, AL118497, AC010326, AL353573, AL021391, AL136969, AC022150, AC018738, AL022336, AC009892, AP001629, AL157372, AC007677, Z95113, AC002465, U91321, and AC004883.
HAPBU09	129	762803	1 - 778	15 - 792	BF569292, AL528819, BE389118, BE392549, BE389075, BF982511, AI040752, AI049529, AI769273, AI094349, AI522297, AA622303, BF983345, AA186348, AI365633, BG252282, M78841, AI983958, BE244506, BE858338, AA678243, AI041236, BG028607, AI432639, AI373623, AI419411, AI798231, H58227, R54769, AI554785, AU149366, H05033, BF381315, F09708, BE246500, H09751, R48493, R87933, R56888, AI123044, AA765782, R47780, R45570, R37740, AA603115, R41799, BE812642, BE874245, AA911072, AA350939, AA993529, AI382054, AA973342, AL042410, T10298, AW473464, AI265877, BE465620, BF718605, Z39399, AI559221, H09714, AI672082, AW518803, AI203422, AI868385, T23705, BF568262, AA910554, R45802, BE869415, H61052, AI598184, AA352295, BE543006, BF851333, BE311806, BE311445, BF753602, AI561052, AV750608, AW195253, AI816980, AI688848, AI963564, BG105381, AI687166, AI471429, AA604125, AA838230, AI867076, BF339011, AI672847, AI912333, AI282865, BG109810, BG001293, AA156293, BG035988, AI560569, AI433611, AW152144, AI494201, AI419650, AW263804, AI096881, AI926593, AW151974, AI678324, AI702527, AI653578, AI341669, AV712254, AI866169, AV723020, AV722414, AW169598, AI568886, AW303089, AI624120, AI453339, AI802515, AA866006, AI612815, AA497014, AA831789, AI537516, AA767181, AV711541, AI539028, AI539661, AA226168, BF750928, AI416961, AI801088, AI619587, AI571980, AW148484, AW079357, AI241678, AL121014, AI695129, AI590781, AI241800, AI863397, AA477375, AW022093, AW022494, BG105800, AW020288, BF680133, AA056265, AW238753, BG105110, BF886794, AJ004832,

					AL050362, AC009003, AF173829, AF005099, E12580, AK026164, AL080126, AL117438, AF054289, U57715, AF137367, AF004162, AK027146, AB047244, AF217989, AR083266, X61049, AF151041, AK000247, U57352, Y14634, AR068466, AF040723, AF161418, AK026746, AC007383, E04233, AK025669, AL359615, AR038854, AK024545, AK026556, AK027103, AK027152, U35846, AF116644, AR053103, AK000489, AK025391, AY007109, U92992, AK026649, E16086, S73498, AR060156, AK027173, X75295, AK026570, Z72491, AR055519, AF218004, AF019767, X59812, AJ005870, AL158012, AL137463, AF314091, X61399, AF093119, AB050421, X68497, A52563, AL137665, M79462, U72621, AF230496, AL138805, AC004062, X52220, AF116691, AF235993, U61971, AL355713, E01812, U61970, AF178432, AL357617, AF117959, AB020592, AL137711, AF274348, AF274347, AK024747, I00734, AK024622, AF159141, AK026642, AL049423, AK024974, AK024855, X54971, E00617, E00717, E00778, AK000391, U80742, L25851, I33984, AL137479, AL110280, U72620, AL049452, X06146, AL049276, AF013214, AF116688, AL133084, AC009003, AC009003, AC021153, AC021153, and AC021153.
HAPBU86	130	789544	1 - 1337	15 - 1351	W63595, AI091586, AW139956, BF589466, AA706707, AW953704, AI920881, AW071496, AU151958, AA782399, AA030021, AI262985, AW085959, W56173, AA367126, AW085036, T77303, F13277, F10875, R20876, AI031732, AI027420, R42056, R38187, AK001537, AC007073, AF052098, AC007073, AC007073, and AC007073.
HAPBU86	131	864890	1 - 1357	15 - 1371	W63595, AI091586, AW139956, BF589466, AA706707, AW953704, AW071496, AA030021, AI920881, AA782399, AU151958, AI262985, AW085959, W56173, AA367126, AW085036, F13277, T77303, F10875, R20876, AI031732, AI027420, R42056, R38187, AK001537, AC007073, AF052098, AC007073, AC007073, and AC007073.
HAPNJ33	132	835554	1 - 3383	15 - 3397	AL529751, AL537597, AL516532, AU125289, AU141078, AU125863, AU119203, AU133452, AU142209, AU133510, BE383839, AL529750, BE275012, AU119839, AU133332, AU126010, BG024249, AU121510, AL516531, AU125229, AU140391, AU132748, BG170929, BF032210, BG170657, BG168008, BE891218, BF980708, BE819462, BG250968, BG169035, AU138268, AU133026, BF314487, BF792816, BE883225, BE728605, BE122660, BF346119, BE747887, BG105391, BF032574, AU133475, AU130438, BE262462,

				BE908953, W60640, BF025881, BE872946, AU130193, BE893642, BE409230, BF981252, BF203524, BE065572, AU125860, AU130232, BG170483, BF311519, BE787468, BE385077, BF033439, AU142220, AU140243, BE148653, BG171643, BE875259, AW368624, AW373618, BE388387, BE274461, AU124482, BE744947, BF984172, AW383737, BE388152, BE293331, BE275627, AU124939, AU125861, AU124068, AU130323, BE389500, AU130382, AW582013, AU124090, BE746154, AW961664, BG107416, AW373613, BE728691, BE896724, BE907726, AI743267, BF316825, AU149438, BE880607, AU159575, AA614349, AU127338, BE397540, AW957844, BG026475, AW376437, AU146943, BF034225, AU152296, AU149436, AU152318, BF528976, AW134831, AU139910, BF314744, BE276247, AU152581, BF793084, AW250707, AI884678, BE271819, AU153454, BE391522, BE887022, BE260155, AU149557, AU150837, AU158464, BG118602, BE251680, AA706372, AU148333, BE539914, AW408787, AW001442, AW027411, AU152351, AA478373, AU154220, W60641, AA573295, BF887733, AW576554, AI147728, AI148602, AI569737, AI860229, AU154443, BF330254, BG165950, AU154007, AA306064, AW005573, BE222619, BF724236, AW505142, BE162841, AU124158, AI436111, AU152227, BE274518, AI986379, AU148977, AI337540, AU148700, N45212, AW009584, AI348077, AA708094, AI908535, AW963271, AA195512, AI948540, AW580613, AU153935, AI420377, AA808328, AU158385, AI366686, AI273167, AI436559, AI131376, BE268568, BF887731, BE243259, BF818097, AU154022, AI079993, AA401511, BE243135, AI338508, BE769341, BE819606, AI366480, BE312972, AA195382, T07979, BE176444, AI670022, AI361793, AI922164, AA643647, BE536514, BE390940, AW385334, BE925463, AI672809, AA531338, W26679, AA532687, BF530296, BE544363, AA191526, AI189636, AW139691, AA552680, T59657, BF448551, AL120868, AA531298, AI470022, BE886768, AW957920, AA643159, AA575905, AA865162, AI366512, AA640178, AA533631, AU144121, BF512439, AI718719, W46789, AA766890, AA614001, BF945801, AI272185, AI761046, AW770821, AI597693, AA933728, AA643648, BF740268, AI262752, AI347818, AW140039, AA434190, AI224518, AW172979, AF084458, AF077032, AK001689, M96629, AB032902, AF145253, M96630, AC011311, AX018085, AC018639,
--	--	--	--	--



				AL389935, AF082526, AL133113, U92992, I89947, AF262032, U75932, AK000137, AF203473, AL137480, AL133619, AF113019, AL110280, AF119878, AK025350, X66417, I29004, AF145233, AL110296, I48978, AL389982, AR038854, AK027096, E03671, AF141289, AF254119, U37359, AR034821, AF204760, AF106657, AK024533, AK024974, AF044323, AF119894, AX045627, AL353956, AL137538, AK026746, AF106697, I03321, AF057300, AF057299, AL080118, AL117648, AL133637, AL049314, AK000103, AL359596, AF130104, AK026542, AF116610, AB047941, AL137488, AK000647, E01614, E13364, A18777, Y16645, Y10823, I33392, AK027164, AL137254, AF116646, I66342, S78214, A70386, AL137276, AK026894, AL080110, AL117460, AB050431, AF177401, AF185576, AR073709, AL117435, U35846, AR029580, AL137530, A08913, I17544, AL137529, M27260, AX019230, AL137521, AK026608, AL137539, AK026633, L13297, AB050411, I33391, AF051325, AK026613, AK000212, A08912, AK026506, AL117635, AK026647, AF118070, AF150103, AL133081, AK024594, AK025669, AF116654, AB049880, S77771, AL359601, AF130099, I09499, AL157431, AX019229, AL133104, A07588, AL050277, Y11254, L40363, AL117416, AR079032, AL110224, S76508, AF116682, AK026462, AK000652, AL049300, AL137557, AF119875, AK026353, D44497, AB050510, Z13966, AK025084, AF031147, AL133075, AL137533, AF090896, A08910, X63574, A08907, A08909, AB016226, AL162083, A77033, A77035, AL080159, AK026744, U86379, AL117649, AL137574, AL137471, U57352, AF267849, AF061981, AF208850, AR074149, Z97214, A08911, A08908, AL049283, AF260566, AL050280, AR038969, AL080074, AR083283, AL050393, AL117432, AF260436, AF130066, AF162270, S36676, AL122050, AL133624, AK027160, AF287051, AR011880, U88966, AK026541, AK026534, AF118092, AF130055, AK027129, Y13350, AK026522, AK026045, AL110197, AK000074, AK027146, AK024747, E01314, U87620, AF111847, AL110228, AL050155, AL122093, AL050092, AK000489, U75370, AF079765, A32826, A30330, A32827, A30331, AF130058, AF244915, AK000418, U67958, AF087943, X63162, AF119859, AB048974, AK000250, Y09972, AL050116, U83172, AL050138, AL389939, A23630, I48979, A15345, I89931, AF119883, A08916, AF118094, AF118064, AF155827, AL110196, AL117587, AF119865, AB050534, AL390179, AL355713, AK000083, AF126488,
--	--	--	--	---

					AB047869, E01963, AL110222, AR066486, T59790, T68171, R19341, R44614, R44614, H57782, H98612, N34568, N93001, W01101, W15371, W21212, W39402, AA062678, AA062679, AA074063, AA131690, AA134786, AA152198, AA150353, AA190706, AA533292, AA627431, AA639435, AA574092, AA662465, AA748473, AA814337, AA824621, AA856680, AA887935, AA902159, AA915900, AA922613, AA946973, AA995156, AA995507, AI015364, F18935, AA642554, AC011311, AC011311, and AC011311.
HAPNL62	133	790340	1 - 2798	15 - 2812	BE673536, AI139897, BG170829, AW957833, BF002086, AV759722, BF672195, BE551846, BE389388, AI401166, BF590805, AV759790, BE349134, AW816215, AA313661, AW965858, BE463882, AW025093, AW997045, AA279665, BF130382, AW006892, BE966019, BF432467, AI672221, BF114826, BF126278, BE613995, AI342548, AW573226, AI218610, AI523160, AI633767, BF594259, BF132165, AW300128, AW970231, AI917095, AI422060, BF593300, BF694624, AI638456, AI148656, AI913714, AW022547, AI280117, AI538704, AA192996, AI672181, AW339696, AW976477, AA193047, AW105141, AW069623, AW515507, AI631400, AI391561, AA018552, AW629309, AA598675, AA884843, AA676366, AA721090, AW009094, AA704417, BF380131, AA642189, T92717, AW080929, AI417778, AI609457, BF437799, BF368021, BG231627, AI191147, AW169709, BF839476, N77136, AA721349, R22380, BF431128, AI826801, T92796, AA146872, AI220831, AA678826, BF217273, BE252893, AA358132, AA146873, AW103221, AW000901, AA037814, R57905, BG059367, BG059137, AI699878, AA424312, BE218059, AA665654, BF575887, BF752397, AA831994, AI202922, AA037815, AA744672, AI695756, BE708481, AI424586, BE183189, AA358133, AA652971, AW970230, AW754324, AI225125, AA693478, AA730437, AW579649, AI566154, AI536019, AW206074, T25954, AA642188, BF857489, BF435937, BE857491, Z44903, AK000734, AK027055, and D38417.
HAPNO50	134	834384	1 - 1131	15 - 1145	AL518419, AL518118, BE736445, BE613342, BG026387, BF035535, BE315374, AW958599, AI081543, AL518119, BE392524, AL518420, AW024140, AA742572, AL525779, AA593332, AL521715, AW327486, W76539, AI239527, AL527756, BF795907, AI362956, BG056963, AW886596, AW961870, BE266544, AA977531, BE465629, AA865071, AL527757, BF955442, AA988767, BF829843, AI240922, W56688,

					AL527168, BF740790, AW406326, F25349, AI590417, W56696, AA773777, N80724, AW884254, AA356111, AA588352, BE794635, BE794570, AA576887, AA594466, W52200, BF875643, AW273295, AW410884, AI002202, F36934, N72158, T23069, AW958601, R52145, AI962231, AA304020, BF204535, F35721, AA593340, AI910397, T08422, BF313626, BE298874, BE298678, BE265195, BF881311, AA779395, AA335562, BE266441, W21835, AI989565, BE170571, BF129043, BG179247, BF814208, BG166983, and AL050297.
HAPNY10	135	702037	1 - 1495	15 - 1509	AU118496, AU142760, BE748883, BG179512, BG164420, BE545820, AU134626, BG036116, BF038780, BF977295, BE878267, BE894212, BF696091, BF752488, AW967106, BE005640, BF965685, AV717118, AW995054, BE748294, AW995063, AW995040, AI872039, AW995055, AW995066, AW995049, BF789942, AA428870, AW995046, AV716699, AI754200, AW995037, AW995038, AU145042, AU151060, AW995051, AI609742, AI951238, AI753336, AA573149, AI979258, AW995061, AI421741, AW995041, AW150943, AI635265, BF245148, AI885452, N51395, AW994876, AI421503, AI690515, AU153623, AI356875, AI929816, N22690, AI653622, AI361388, AA167620, AW129548, AI288253, AI523512, AI278897, AI653615, AW995057, AU151622, AW026273, BE858081, BF693683, AI346768, AW055362, AI422405, AI624929, AA284092, BG111735, AW994885, BE247543, AA648411, AA916321, AI337889, AA938166, BE246607, BG029176, AW338309, BE564504, AI753213, AW664261, BE042823, AA180741, AA937772, AA843360, BF029597, BE247347, AI346951, AI749703, BE813310, AA180911, AW995069, BF743325, AI540290, BF382452, AA837104, AA098975, AW027738, BG036033, T05657, AU156041, AU156561, BE551250, BE244383, N67264, AW627736, H01297, AA975101, AA588569, T65565, AA825166, AA428214, BF215654, AA872382, D57428, BE896006, AA626493, T17244, AI352346, H89608, AA256109, BF677052, BE243958, N41743, AA872866, AI985254, BE896318, BF575278, AA774035, R56254, AW468983, AI423092, AI452841, AA467977, BE856775, AW517913, F09456, BG166718, T36131, W31622, D81537, Z28603, AV705481, H16985, H89372, T30634, AA664236, R82283, AA429824, AA219532, AA284229, BF792407, D57692, D52630, BF326362, R82282, Z19255, AI567175, BE246916, W52900, BE892253, BE787687, BF697157, D55793, BF690202, D55939, R59912,

					D58007, D57838, AA037328, R52010, Z19256, AV712528, BE244386, R25384, AV712406, BE245644, Z19361, R40149, AA888240, AA445947, AA043888, C17120, T34846, AW995096, Z28477, BF670380, H01199, R57476, AA464308, C17103, AA099266, AW995056, AA641614, R28407, T35277, AI371274, AA093327, AI865440, AU135440, R52009, AA233485, AA876569, BG152712, AA256041, AA885611, AA298218, AA826588, AW382363, BF743323, BE539619, F00174, BF347996, BF326697, AA788583, D20946, AW995050, BF208354, D54839, AA814152, BE172670, AW994264, AW995058, AW994325, AW994260, D58193, BF326725, BF326736, AC011742, AK025136, AK023223, AF106681, AC020741, AC011742, and AC011742.
HAPPW83	136	847020	1 - 1351	15 - 1365	AA742433, AW576370, AW674269, AW080552, N70013, AI440157, AA885767, N35921, AI610511, AI433058, AW243690, AW020082, AW473707, AI824459, N70096, AL079912, AA555240, AV736782, AA557945, AA015948, AU147226, AV758849, AI174703, AI828721, AI915081, AW875184, AA720582, AV683406, AW813106, AI860423, AU148246, AI791659, AI281622, AW855527, AI732720, BF949151, AI572680, AW131394, AW272815, AW403177, BF882222, AW513105, AA937402, AA831714, AI370470, AI242236, AI434103, AW511778, AW963295, AI889236, BE152006, AI734119, AA807704, AV764119, AA653291, AW614862, AI590404, BF525663, AA636077, AA584360, AI754926, AI744963, AA055647, AI123488, AI251024, AL042667, AL042670, AW020150, AL044701, AW518140, AI031759, AA703818, AW880986, BE045167, AI567676, AW631267, AI318548, BF814446, AA086042, AI857834, AA313025, BE392753, AV712092, AW902110, AU159185, AA601712, AI114494, AA935827, AU120423, AW268793, AA507623, AW072963, BF901147, AA640104, AI254267, AA425283, BF970107, AI571094, AV740548, AI733523, F35684, AA748071, N55296, AI521525, AL039436, AI344906, AW957502, AA719564, W60000, BF882223, AA197089, BG034698, AW085626, AI969090, BG059924, W45215, AI307563, AU159329, BF575954, AW576299, AW979200, AW149241, AW593631, AI000381, AI280535, AL049366, AJ007590, AC007021, AC007597, AL096701, AL161936, AL035089, AC007421, AL033529, AL136365, AC004605, AC013429, AL078581, AC008265, AJ009616, AP001711, AL021918, AC006483, AC002546, AL137129,

				AC004587, AC004491, AL121585, AC005081, AL133286, AC011475, AC011465, AC005911, AC009032, AC005736, AC005225, AP000348, AC003006, Z78021, AC010473, AL031904, AC016831, AC005103, AC007030, AF047825, AC011455, AC005778, AC005015, AC005859, AL022721, AC010719, AC026439, AL162615, AC013436, AL021154, AF168787, AC006241, U52112, Z95327, AC002073, AL353748, AL031311, AL049553, AP001727, AC002040, AC008543, AC005566, AC025577, AL022316, AC005971, AL136228, Z97876, AC007172, AC008101, AL163268, AL024507, AC006027, AP000359, AF001549, AC022432, AC007546, U91323, AL445483, AC008403, AC006046, Z85987, AL109743, AC009530, AC020552, AC005399, AL023807, AC005773, AL163201, AC008812, AC005821, AF015720, AJ271736, AC006581, AL121712, AL033528, AC024571, AC006057, AL035587, AC006261, AC005702, AC011479, AC004089, AC006011, AC027312, AC007637, AC024247, AL136300, AC009073, AC003663, AC002310, AC003109, AL137784, AL445687, AL049757, AC004542, AC004477, AL049694, AL121897, AC005091, AL356747, AC005839, AC002544, AL031602, AJ229041, Z81364, AL034420, Z98036, AC002350, Z93020, AL035405, AL109923, AL109965, AC020916, AC006222, AL035681, AL021407, AL022326, AC005516, AC011484, AC005280, AC011510, AC003108, AC006345, AL356299, AL031730, AL163249, AC005332, AL034350, AL158830, AL031662, AC002563, AP000031, AC006285, AL133258, AC005875, AC004858, AC008626, AC008599, AL035249, AC005071, AC007242, AL138752, AL049697, AC003956, AL049780, AC005529, AC009086, Z93017, AL050328, AL078476, AL049838, AC008762, AC007383, AF243527, AC004797, AL050335, AC003110, AC007151, AC005377, AC004914, AL133551, AC009314, AC006058, AC011495, AL355476, AC010358, L78833, AC008044, AL021877, AF207550, AC011445, AL357150, AL121754, AC005822, AL117339, AC005156, AP000952, U80017, AL031733, AP001752, AC024083, AP000030, AC005184, AJ295844, AP000553, AL353804, AC005049, AC007277, AL034429, AL355392, AX039602, AC002472, Z86090, AC024082, AL135928, AC005519, AL138836, AC010363, AP000510, AC011811, AC010463, AC020663, AC009506, AL133395, AC009516,
--	--	--	--	--

					AL161665, AC009311, AC006198, AL079341, Z85986, AP001678, AC005358, AC003043, AC008736, AC005300, AL050348, AF064859, AF109907, AC006360, Z94161, AC007052, AP001725, AC003102, AL354861, AC010271, AC007204, AC000039, AC008569, AC007229, and AL121890.
HAPQJ73	137	580802	1 - 1843	15 - 1857	AW294869, BG236257, AW778903, AW129774, BG036371, AI884330, AI696923, AI633798, AV688970, AA165541, AW779041, AW173727, AI333148, AW515987, AI479216, AW182534, AA743632, AI498674, BE465474, AW117302, AI346562, AW591097, AW118511, AW614948, AI557212, AA743859, AI358240, AI267413, AI261985, AA017059, AA743634, AA167402, N66962, BG110808, AA862980, AI493590, AI273999, AA165508, AV732273, AW768832, BF028059, AA214448, H11195, AA021464, AA404519, AA953430, AW959595, AI689073, BF030889, AI827162, H38360, BE169597, R80519, R80410, AW352115, AW352124, AW352122, H40632, AV689744, R73775, AW079702, D59570, AW388483, AW838177, AW388597, D80362, AW388478, AV686050, AW352116, H38123, AV689751, AW752148, AA278329, AW388317, D59748, AA513300, R76419, T93220, R78798, H38124, R73683, AI619809, BF855318, BF349351, AW375680, AA361084, AW352128, BF374782, R85948, BF349350, R62539, T93119, D59651, AW795970, AA300011, AI245308, AI784324, BF970523, D59571, AA621589, AV715322, AW662250, D59712, BF241491, AA279000, R25408, R28435, R62538, AA017210, AA021463, D59711, BG007851, AW898617, AA961634, AW268874, AA585200, and AL354720.
HAPQK26	138	637494	1 - 1796	15 - 1810	
HAPQU71	139	752580	1 - 1865	15 - 1879	BE742577, BE315537, BE898768, BE745817, BF035770, BE271940, BF037055, BF037980, BE158907, BE898287, BE612349, AW992960, BE709528, BE744647, AA482434, BE019873, BF087379, BF326584, BE743131, BE747485, BE740044, BE709885, BF352583, AW102841, BE047819, BE709842, BE740070, AA459527, BF848859, AA781487, BF847782, BF876013, AA477819, BF087337, AW580272, AA358887, BF847776, AA434062, AI924355, AW470096, AI587292, BF874643, AW117428, AW580274, BF868508, AI654014, BF087377, BF869266, BF513758, AI811475, BE708082, BF357751, BE741425, BE813613, BE169719, BF087843, BF833377, BF515872, BF738579, AI189904, AI859730, AI673741, AI620114, AI866635, BF851802, AI301537, BE208180, AA482607, BE899205, AI701707, AA459296,

					BE206457, AA314951, AW190041, BE271966, BE171333, AI858988, BE271575, AI093119, AA634679, AI276354, BF351727, AA525222, BE740115, AA291423, AI686752, AA292224, AA482580, AA477820, AI687687, AW992971, BE707992, AI537880, AI624088, AA493655, AF146796, AC004909, AF111856, AC006393, AC006393, and AC006393.
HAPQU71	140	864781	1 - 1865	15 - 1879	BE742577, BE315537, BE898768, BE745817, BF035770, BE271940, BF037055, BF037980, BE158907, BE898287, BE612349, AW992960, BE709528, BE744647, AA482434, BE019873, BF087379, BF326584, BE743131, BE747485, BE740044, BE709885, BF352583, AW102841, BE047819, BE709842, BE740070, AA459527, BF848859, AA781487, BF847782, BF876013, AA477819, BF087337, AW580272, AA358887, BF847776, AA434062, AI924355, AW470096, AI587292, BF874643, AW117428, BF868508, AW580274, AI654014, BF087377, BF869266, AI811475, BF513758, BE708082, BF357751, BE741425, BE813613, BE169719, BF087843, BF833377, BF738579, AI189904, BF515872, AI859730, AI673741, AI620114, AI866635, BF851802, AI301537, BE208180, AA482607, BE899205, AI701707, AA459296, BE206457, AA314951, AW190041, BE271966, AI858988, BE171333, BE271575, AI093119, AA634679, AI276354, BF351727, AA525222, BE740115, AA291423, AI686752, AA292224, AA482580, AA477820, AI687687, AW992971, BE707992, AI537880, AI624088, AA493655, AF146796, AC004909, AF111856, AC006393, AC006393, and AC006393.
HAPQW18	141	610052	1 - 542	15 - 556	BE672042, AI912701, AI890552, AI745193, AI973098, AI769084, AI630869, AI767554, AA968619, AL519427, AL524219, AW206605, AI380311, AI624824, AW135565, AI970430, BE464124, AA031259, AI393659, AW795851, T81908, BE932418, AI266275, AI218204, AI681165, AA081797, AA031333, AI350313, AI560521, BE710531, BF930742, AW869405, AW795881, AC022930, AC022930, AC022930, AF238376, AF238376, and AF238376.
HAPQX44	142	779053	1 - 1618	15 - 1632	AV715045, AI694661, AI871631, AA622514, AI143235, AA071502, AV683115, AI498301, AW028350, AA082324, BF927531, AV689586, AA700825, AW994073, AI279901, AW779350, BG055383, AI911036, AA759227, BE045131, W89105, BE181513, W89051, T02938, AW194764, AA477253, AA679322, AW874697, AI191945, AI191956, AI150264, AC004832, AC006974, AC003012, AC018646, AL359272, AL136137, AC004847, U95743, AL034376, AP000080, AL049743, AC003662, AL353748, AL035420, AL109953, AC019187, AL136374, AL391867,

					<p>Z97053, AP000357, AL390027, AC018755, AL121694, AJ277661, AC005409, AP000343, AC000029, AP000356, AL355481, AP000344, AC002086, D86995, AL080284, AC006144, AC017016, AL096704, AC008482, AC008109, AC011811, AC004597, AL031407, AL079304, AL357752, AC006452, AC005288, Z99497, AC004874, AC068139, AF297093, AC005225, AC005971, AC002045, AL122003, AL445435, AL109748, AP000555, Z93931, AC026371, AC005023, AL109952, AC005697, AC010348, AC007360, AC004797, AC005049, AC002533, AL163204, AP000564, AC007739, AL445217, AL024458, AL163194, AL355579, AL133274, AL034396, AC003014, AC007671, AL359641, D14818, AL137796, AC004072, AC012067, Z98745, AP000964, AC004055, AL137073, AL050324, AC007124, AC008064, AC022335, AC005252, AL136162, AC006365, AC006441, AL162430, AP000354, AC007488, AC006333, AL050335, AP001691, AC005682, AP000261, AC005378, AC007094, AL033529, AP000100, AB020858, Z97195, AL050401, AP000035, U95740, AC087084, AC011749, AL109935, AC007051, AC006023, AC012072, AP001713, AC007919, AL136438, AC004531, AC006236, AC005549, AP002028, AC008795, AL022396, AP001718, AL118502, AC051657, and AC051657.</p>
HAPRK55	143	735887	1 - 1366	15 - 1380	<p>AA719016, BF335359, BF767768, AA515728, BF946053, W96522, AI024054, AW970987, AA828592, AI821382, F19606, AI635819, AA302971, BE243506, AV649853, AI061147, AI754170, H63066, AL037856, BE880415, AA678491, T11828, AW835708, AW069412, AV649707, AA632765, AI570943, AA845333, BF817546, R87275, BE062159, H43771, BF925233, AI820796, AI826761, AL047247, BF733884, R87883, AC004383, AC020552, AC008403, AC004144, AL050318, AL109804, AC005736, AC002365, U75931, AL031846, AC011811, AC004913, AC004167, AC009333, AP001670, AL121899, AC011504, AP001331, AC004832, Z98884, AC005921, AC000353, AL031118, AL117348, AC008569, Z93023, AC027319, AL162272, AL133445, AC005200, AC009032, AL031658, AC005251, AP001718, AC004089, AL035071, AL049759, AC006023, AL136305, AL031427, AL109976, AP001759, AC006112, AC005015, AL109825, AL391122, AC005332, AC005522, AC005098, AL033525, AC009087, AL021155, AL035681, AC011497, AC004975, AL353653, AL035249, AC005664, AF038458, AC005225, AL355515, AC008812, AC002126, AC011293, U95743, AC005081, AC006449, AL034420,</p>



					AC011452, AP001726, AC007956, AC006077, AC008040, AC005684, AC006285, AL096700, AF045555, AC004867, AC010618, AL121890, AC007731, AL139352, AL096701, AL159168, AC005500, AL022336, AL138878, AC005839, AL034405, AC005940, AC011470, AL161449, AL117354, AC004859, AC004166, AC007371, AB003151, AL158040, AC005324, AL136179, AC053467, AC006330, Z85996, AL109921, AC004846, AC005038, AC004980, AL049713, AL049830, AC005412, AC005071, AC008083, AL138976, AC008041, AC011489, AC004033, AC010422, AC002544, AC011479, AL158830, AJ009616, AC003665, AL031905, AC008760, AP001711, AC004491, Z95113, AL136979, AC007220, AC004134, AL137119, AC002476, AL021394, Z97876, AF196779, AC002115, AL391684, AL356415, AJ277546, AL353807, AC003682, AP000555, AC004686, AL096814, AC011494, AC011742, AL049839, AC007226, AF196969, AL136303, AP002028, AL031291, AL133163, AC007536, AP000352, AL133551, AC004611, AC004876, AP001695, AL049776, AF139813, AC068799, AL031848, AC011442, AC004996, AF165926, AL355392, AL035400, AC007993, AL049643, Z83826, AL121652, AC005536, AC004824, AC004253, AC005373, AC004971, AC005971, AC011449, AF134726, AL109984, AL133174, AC004231, AC020955, AL118520, AC004228, AC009194, AC003982, AC069080, U91326, AC010462, AC008687, AC007199, AC009477, AL024498, AL033529, AL020997, AL022318, AC011510, AC007957, Z84469, AL049766, AL031311, AC011450, AC010582, AC008102, AP001752, AL121833, AC006006, U96629, AL122001, AC055740, AC011527, Z82215, AP000252, and AC020625.
HAPSH37	144	847021	1 - 1366	15 - 1380	AW384937, BE160781, BF529738, AW580925, AI144298, AI034355, BE565482, AW296065, BE677893, AI672266, AI796992, AW083221, AA419101, AI922745, BE702563, BF679286, AA398731, AI671455, BF109438, AI797317, AI311916, BE707140, AA504182, AA393393, R83777, BE811312, BF763831, AA216462, H61773, AI810853, BF763826, AA350248, H07925, AI002531, R83343, BF879713, BF477911, BF433628, AI360664, BF667567, R28101, BE932879, AW891590, AA670228, AA410650, BF978002, M78650, BF475926, H61774, AI290315, AI041588, H01090, AW889623, R45281, F10460, AW891816, AI868885, BF222189, AW390662, BF804385, AW821148, AU154050, AW393511, AW889632, BF897990, T54901, AA601376,

				<p>           AV763240, BF725761, AV698043,            AW591276, AV704232, AW792898,            AI249880, AI253987, AA659832, AL042856,            AW969824, AW571963, AW901478,            BE393367, AA595499, AL079645,            AW118556, AI887235, AI061313, BE875478,            AI354423, AW955841, AL134524, AI345012,            AI569086, AI040051, BE061606, AA579130,            AV760560, AI708005, BE063437, AK026687,            AL139095, AC007383, AC010605,            AC004989, AL133500, AC004686,            AC087089, AC004824, AC009312,            AF017104, AC003071, AC007688,            AC011442, AC004837, AP000113, AP000045,            AL080239, AC009123, AL022165,            AC009953, AL121656, AC007227,            AC003103, AL121932, AL139039,            AC006241, AL118520, AC008994,            AL035420, AC004913, AC020956,            AC005329, AC005369, AC004835,            AC008764, AC023880, AJ003147, AL135927,            AC006275, AL158196, AL079342, AL022721,            AL021154, AF141309, AL117377, AL096840,            AC016830, AL137162, AP000344, AC005318,            AC004885, AC005932, AC005911,            AF168787, AC006203, AC002476,            AC006329, AC005069, AL050335,            AC006023, AL353802, AC011475,            AC007917, AC007390, AC008685,            AC007869, AL031311, AC009087,            AL031283, D88270, AL121753, AC005520,            AF196779, AC005399, AL031721, AC004815,            AC002558, AC022336, AC021999,            AC007707, AL133258, AL353748,            AC004139, AL109810, AL136300,            AC005209, Z83822, AC005696, AC004070,            AC012067, AC011484, AC005080,            AC006530, AC004883, AC008050,            AC004983, AP000116, AC024153, AL109935,            AC009955, AC005026, AL137800,            AL049646, Z73359, AL353898, AC007386,            AC016543, AC008392, AP001717,            AC004797, AC016831, AL445248,            AL031728, AL121601, AC002365, AL022318,            AC006046, AL008718, AC006111,            AL117382, AL121574, AL035458, AL138756,            AF243527, AC011464, AP001719, AC008277,            AC010326, AL138769, AC009079,            AL121886, AC011540, AP002028, AL121989,            AC007934, AC008012, AL031589,            AL391122, AC004867, AC005231,            AC003037, AL133404, AC084732,            AC006116, AL021397, AP001694, AC004089,            AC005409, AC007406, AC005726,            AC005488, AC005052, AL049694,            AL022320, AL139099, AL133215, AC010102,            AL034380, AC004887, AL359828,            AC020904, AC004805, AC004594,            AL117336, AL162615, AL354984, AC002416,            AL096776, AL109921, AC002404,         </p>
--	--	--	--	---

					AC009179, AC008074, AL080317, AC002464, AC087225, AP001670, AC008115, AP001746, AC009247, AL139109, L78810, AC004971, AL078581, AF030453, AC024085, AC083874, AC002039, AC004547, AP001726, AC011465, AL133445, AC010150, AK024294, AC002457, Z83840, AL138976, AC008040, AL022163, AP000402, AL359554, AL445435, AF111168, AC005284, AC008551, AC004898, U95090, AF288992, Z49258, AC005088, AC004009, AC007349, AL023494, AC002133, Z82203, AC005540, AL035495, AL139289, AC006261, AC006121, AL137009, AP001753, AC007649, AC006211, AC021036, AC007993, AC023134, AC007537, AL031594, AL121751, AC006965, AL096870, and AL139396.
HAQBG57	145	837545	1 - 1034	15 - 1048	BE562515, AI742455, AI961996, AA507216, AI190639, AA731364, AI673081, AA593594, AI003558, BF528073, BF885284, AI435334, AW438908, AI381200, R69327, AI204170, AI739035, AI401755, AI591140, AA432147, AA251459, AW967618, AA446655, AI682154, AW613695, AI500259, AA398391, R79970, AI149747, H97579, AI263813, AA401707, BE350370, R69328, AA670245, AA643922, AA852081, BF345349, AA889222, BE782687, BF034010, and BF038771.
HAQBY85	146	832384	1 - 1868	15 - 1882	BG119049, BE250992, BE254599, AW382173, BF514779, AA608749, AW008890, AA253382, BE939553, AI800150, AA837024, W89023, AA662691, AW749390, AW748596, W89024, AA699404, AA935978, AA036826, AA158032, AA775921, AI278341, AI246291, AA688389, AI582781, T64857, AA748991, AA888418, H88471, Z19284, Z43974, AI769233, C21449, AV727411, F06945, AW818492, AW150474, AA677255, AA543055, BF757728, BE815811, BE542234, BF816107, BE091109, BF676036, BE836661, AI335654, AI193902, AB018326, and AC005007.
HAQBZ15	147	801966	1 - 2240	15 - 2254	BE260056, BG035487, BF344378, BF526374, BF984346, BE260510, BG031222, BE783064, AL042576, AW961029, AI978623, BE314256, BE395235, AW410058, AW964329, BG253002, BG003227, AU134349, AW995362, BF087734, AI818399, BF087860, AW967225, BF313051, BF087837, BF758009, AA921973, AA430575, BE205802, AI038345, AA699733, BE350196, AI033886, BE712425, N42316, BF087848, AI365948, AI921951, BG031861, AA113157, AW615817, AA219262, AI219706, N29539, AA478187, AW297541, R11659, BG015611, T57479, BE712676, BE939228, AW751613, AI051886, AA961539, AI805015, BF996630, H98088, AA478030, AA878785, R12265, H53625,

				<p>BF932652, T49353, AA350477, H53664, AA338766, AW247055, R25058, AA299814, AW630432, T77392, BE931199, R45397, AA350478, AA599679, AI288384, F13292, AA350476, R39518, AA430576, N57473, T16558, BE887369, T49352, AI240918, Z44605, AI221193, AA321390, T57507, BF378261, AI368888, Z41335, F08331, T32113, F10891, AA112401, R45833, AI241134, F05060, BG004651, AW874491, AI798318, T08801, AI547229, F03653, AW250407, AW197803, BE168979, BF378510, AI905001, AI719695, BE184647, AW273717, Z24861, AV726613, AV709101, AV707412, AW878730, AV702718, AV724593, AV717522, AV733683, AV729774, AV721824, AV759802, AV714080, AV757061, AV725273, AV757111, AV716311, AV712549, AV752332, AV755356, AV733726, AV758931, AV725497, AV757475, AV721792, AV713081, AV704955, AV763155, AV649672, AV704891, AV682427, AV699139, AV763583, AV733513, AV697540, AW860261, AV730752, AV710906, AV710603, AV713508, AV705280, AV655703, AV720998, AV686390, AV704490, AV745680, AV709967, AV758351, AV762973, AV710760, AV764533, AV709980, AV689977, AV711475, AV759219, AV757337, AV745573, AV692600, AV760442, AV729746, AV723262, AL043440, AV707067, AV702861, AV721464, AV729819, AV752993, AV731545, AV723179, AV706506, AV721667, AV732786, AV749525, AK025946, AB014557, AF035292, AC009955, I08396, I08395, AR038855, I08389, AR091393, AR008429, I15718, A18053, A23334, A60111, A23633, I15717, M28262, AR038762, AX028305, AR031566, A85395, A85476, E03627, I48927, AJ244003, AJ244004, AJ244005, I44681, I06859, A90655, I03331, I00682, X83865, A02712, A02710, E12615, AX018504, AR035193, AR083151, A92133, AR073846, A84772, AX021518, A98767, A20699, E14304, A77094, A77095, AX006816, A11623, A11624, E00609, AR096545, A07700, AX027811, AX027809, E00696, A13392, A13393, I62368, AR031488, I13521, AR080470, E00697, AR077142, A84776, AX020190, A81878, AX011024, A84773, A84775, I52048, A93963, A93964, A27396, AR062872, AX027813, AR067731, AX030369, I63120, AX033488, AX030368, AX033489, AR017907, E13740, A84774, AR043601, AX033490, AR069374, A95117, A95051, AR027100, I49890, AR062873,</p>
--	--	--	--	--

					AR095492, I44531, A11178, E01007, I28266, AR069375, AX006821, A18050, AX012337, AX042377, AX027812, AX035980, AR037157, AX027810, AR054109, AR091518, A75888, I70384, I18302, AX033474, AX027816, AR072535, AX001322, A60212, AX033486, AX009712, AR067732, A60209, AX033487, A60210, A64973, AX042375, AX032758, AX027817, AX027818, AX027814, A60211, AR069650, AR085082, AR085089, AR085091, I21869, AR007512, AX001330, AX042373, I13349, E03813, A25909, A10361, AR095490, AX006823, AR079804, AX003206, AR095491, AX003207, A86792, A58522, A91965, A24783, I84553, I44516, AX009487, A24782, AR093384, AX008555, A70040, A91750, I66482, AX026824, I84554, AR009151, AX035462, AX026823, I60241, I66485, I60242, AR085079, I66483, I66484, E16678, AX004550, A82653, AX036660, AX036661, AR085083, I66498, I66497, I66496, AR093385, AR038066, AR088705, AR027099, I66487, I66486, AX023553, E16636, AX003194, AX023548, A11245, AR074365, A93016, AX032992, AX032993, AX027636, AR051652, AR072540, AR093392, AX042372, AR062871, A35536, A35537, A58524, A02135, A02136, A04663, A04664, AX001082, AR093383, A58523, I01995, AR051651, A20702, I25027, A43189, A43188, AR069426, A20700, I26929, I44515, I26928, A98420, A98423, I26930, I26927, A98432, A98436, A98417, A98427, I08051, AX006825, AX006826, AX006822, Y16359, I18895, AJ244007, U94592, and E12584.
HAQCE18	148	604906	1 - 270	15 - 284	AI376044, AI537459, and AK000776.
HAQCF94	149	795993	1 - 1601	15 - 1615	AA659388, AW853155, AL042300, AW975062, BE834590, AI674461, AI674517, AW449192, AW975067, R23565, H52947, T18988, AV704610, AV703880, AV704679, AV703597, AA659202, AI435510, BE842743, AA373079, AI272122, AA373078, H52948, BF370478, BG057757, AR063942, and AC021078.
HARAE26	150	560598	1 - 1231	15 - 1245	AA317415, AW500684, AW069227, AL038606, AW303196, AA284247, AA719292, AW301350, BF725844, BG029528, AI755214, AV760019, AI207465, AI923052, AI754105, AI754567, AW237905, AA760655, AI380617, AI254779, AA713946, AA630854, AI279417, AI311647, AV756491, AI332615, AL120343, AW576251, AI625604, AW438539, AI620992, T74524, AW327649, AI440117, AA833875, AA833896, BE062476, AI061313, AW856329, AA679634, AW468048, BF868994, AI275982, AA513851, AA492584, AW753399, AV710809, AI284126, BE252421, AA666332, AW327868, AI278440, AI277373, AV682003,

09950081 091201

				<p>           AW019964, AI800168, AW865946,            AI800180, BG010884, AI732514, BE169870,            AI634187, AW861583, AA455483, H07953,            AA602906, AI085242, AC009503, AL049569,            AP001710, AF001549, AC005598, AC013429,            AL137059, AC006270, AC007376, AF190464,            AL355392, AC012085, AL354766,            AC005274, AL157931, AL136381, AL035398,            AL354696, AL139351, AE000658, AC006948,            AL109806, AC005476, AL078581, AL022098,            AL139824, AC004448, AL031056, AL136300,            AP000035, AL138702, AL008729, AL034350,            AL160176, AL161445, AP001713, AC002994,            AC004837, AL021878, AL031767,            AC009953, AC004887, AC007912,            AL139382, AL080285, AL133238, AL138743,            AC008154, AL078591, Z86090, AC007673,            AC007114, AC022311, AL117336,            AC006356, AC005902, AC005962, Z85997,            AC027689, AC004874, AJ011930, AL163300,            AL133445, AC005304, AP001696, AC005664,            AL162571, AP000036, AC002464, AL121652,            AC006159, AC008805, AC008560,            AL158830, AL163208, AC004087, AP001732,            AC005736, AL445189, AP000997, AL136117,            AL161936, AC005011, AC004106,            AL049694, AC018832, AC002365, AP001719,            AC010458, AL355499, AC004585,            AL008710, AC004817, AL031289, AL163218,            AC004125, AL162811, AL133249, AL122023,            AC002461, AC027279, AF030453, AL035563,            AC006390, AJ133269, AC009600, AP001726,            AL136971, AL031733, AL161670, AL031584,            AC004962, AP000248, AC016612, AP001671,            AC007371, AC006479, AC007688,            AP001693, AL137784, AC010349, AC004999,            AL442167, AC008379, AL163285, AL161916,            AC005488, AL121983, AB017651,            AC004605, AC008928, AC005046,            AL390237, AC007283, AC008050,            AL109614, AF117829, AL139182, AL008635,            AL354776, AL049550, AC005088,            AC010363, U91319, AL050335, AC007749,            AP001068, AB045365, AC006000,            AC084239, AL096828, AL135790, Z97987,            AL133500, AC008008, AL034402,            AC005277, AC003010, AP001680, AP001692,            AL049643, AC007262, AB017602, AP001627,            AC010170, AC011477, AL445493, AP000472,            AC011890, AC004622, AC004525,            AC005548, AC008651, AL136526,            AL158070, AP002535, AL354872, AC008471,            AC004878, AC016995, AP000014, AL138828,            Z82201, AL035704, AP000034, AC006014,            AP001728, AC008149, AC007115,            AC006454, AL161657, AC006360,            AC004166, AC004946, AB020868,            AC008018, AL121588, AL033529, AL353674,            AB038490, AL021398, AC004941,            AC002410, AL139812, AC019171, AP001747,         </p>
--	--	--	--	---

					AP001683, AP000084, AC005837, AC004685, AL022345, AC006337, AF107885, AC005599, AC009477, AC018468, AC018897, AP001626, AF205588, AC009024, AL117187, and AC024491.
HARAT69	151	769389	1 - 1947	15 - 1961	AL524234, AA100250, BE882416, AL524233, BG118639, AW964377, AI741401, AW959906, AI393036, AI831896, BF818037, AW340362, AA770366, AI203420, BF962786, BE219229, H29047, AA704470, AI453361, T61914, BF739883, BE018560, H29149, AW206127, AA318182, T79997, T02839, Z40862, AA953034, T50337, AV693344, R37580, F07775, AA326870, AW965067, BF591216, AI225197, AV741460, AA812883, AI291908, AW271074, AW138379, BE302153, BE138398, BF718268, AI335367, AI305794, AI376490, BE043669, and AF070590.
HARAZ81	152	832380	1 - 922	15 - 936	AW964407, BF308448, AA133351, AI955259, BE796212, BE791557, BG115810, BF037117, BE257947, AI201081, AI479643, AI371725, AI338226, AI272799, BE786863, AI523836, BE512992, AI832556, AI360813, BE744787, BF971945, BE795339, AI911189, AI332998, AV733716, AW105647, AA449114, AA417906, AI160821, AA812681, AV756337, BF667373, AA196804, AI687745, AA074869, AA677398, AI949595, AI028708, AA806308, BF685157, AA779378, AA652508, BF037939, AA719870, AV701912, BE730232, AI804084, AA583945, AA713507, AI076158, BF684668, BF686755, AA758900, AA628636, BF207166, AI738876, AI084956, AA513306, AI081646, BE793024, AA593880, AA478598, AI192864, AI189240, AA419554, AI401016, BF032897, AI871846, BF733159, AA620875, W42538, AI094068, BF694324, AI242445, AI188600, BF975403, AI274502, BE385728, AI187079, AA962082, AI284416, AA657626, BF680048, AA463687, BF309104, AI243176, AA196803, AV744973, AI224529, F19538, AV709297, AA308585, BE559524, AA468047, BF244980, AA234166, AA234913, AI804825, AA987467, AA318396, AA187442, AI127473, AA234914, AA233918, AI147167, AW403920, AA721050, BE281458, AI476030, AA482379, BE717214, AW873836, AW795107, BE163110, AA463761, AA471119, AA091369, AW844269, W31092, AA468083, AW844282, AI253673, BE698022, AA969703, BE698050, AI220722, AA312835, AW300509, AA229993, AA469001, AJ003540, AA468096, BF374556, AA357299, AA468927, AA720885, AI186421, N44134, AA479333, AA872664, AA449548, AV742900, AA385197, BF027226, AA906776, AW794203, AA833536, BE833240, AA887208, AA318716, AA187616, AA383017, AI371742, BF819540,

					Z20217, AW602656, AC006064, AF151075, AP002085, AP001631, AP001748, A74500, AC006064, and AC006064.
HASAU26	153	845848	1 - 3839	15 - 3853	AU124401, BE797853, AL528340, BF690547, AU118387, AU132836, BE875392, AU140227, BF664432, BE615674, BF568276, BE792474, BE274361, BG256038, AU124550, BF973668, BE906440, BE729190, BF568338, BG122336, BF038990, BE786205, BG117655, BG181114, BG032615, BE888221, BE736755, BF313050, AU132782, BF206196, BE798469, BG250285, BF664365, AU123878, BF315873, BF569127, BE894358, BE784119, BG171850, BE295819, AA780369, BF239249, BF312233, AW007107, AW247178, AA580485, AW250777, AU154287, AU129989, AU144969, BF689646, BE274273, BF568513, BE168071, AU152044, BE313362, BF843422, BF727210, AW815024, AI889446, BG166955, BF925267, AU148379, AI884601, AU158373, BG166740, AA522499, AW373173, AI015546, AI147855, AI186906, AU154243, BE312550, BE148833, AI373440, AI095689, AA968892, AI095487, BE696538, AI160325, AW248208, AW264535, BE046408, BE328173, AI510750, BE646377, AI950938, BF309260, AI076886, BE676303, BF926526, AW960861, AL528339, AA682646, AA857237, AA552042, BF980572, W84895, AA292010, AI347872, AI922212, BF116210, AA427845, AW601975, BE707476, AI955240, AA563839, BE312229, AI078440, BF926531, BF314730, BF852678, BG014610, AA810917, AA829942, W59997, AA705524, AI907974, BE207828, BF926537, AW080506, W84389, AI306459, AI001734, AW373196, AI139220, AI498719, BF090856, BF868677, AI199919, AI222477, AA658432, W52743, AA651737, H38325, AA029082, H24155, W84700, BE262505, AI400698, AI147570, AW167244, AA179393, BF092458, AA037365, AI826643, AA483287, W79003, W56553, AA527305, BE696591, AA494526, AV706677, BF568826, AA322219, BE244368, AV705159, AW005232, AA628070, F25100, BF436609, H80778, BG035754, AI143990, BF849923, BE696636, AI401029, AW073254, F36694, R46537, AI272259, AW971294, AI864420, AA853001, AA853002, R83484, Z25334, AI445556, BF931196, AI754896, AI421725, BE243609, AA397929, AA182708, Z45924, AW387124, BE825150, F21719, BF978287, AA826586, AA302034, BG007998, AW603504, AW510381, AW193587, AA426012, BF091168, AA704475, AI205926, W56661, AI886447, AA029081, BE696615, BE259593, R50381, BE464901, AI338720, AA393733, BF569304, R46538, AW750193, AA355740, AI079621, AA371718, W17012, F30012, BF923138,



					F18664, AA587431, BE909834, AA513526, AW750192, BE184318, R45771, AW610284, AW997578, BE763262, BF987045, AI908000, AI908012, BF858507, AI434817, AA614854, BF950285, BF857878, BE084570, AK023046, AK023272, AK000664, AK024398, AL133629, AB040932, AF234600, AF086475, AA853013, and AA853003.
HASAX57	154	654833	1 - 1343	15 - 1357	BE739647, BF207870, AW779917, AI458231, BF197575, AI342645, AI707805, AI253782, AA256395, AA256396, AI559913, AW572058, BE739185, AW029032, and C02450.
HASAY07	155	834511	1 - 796	15 - 810	AW029550, AI421071, AA749013, AI089760, AI216061, AI216062, AI276275, AI394514, AI224860, AW589309, AW589316, BF196821, BF939740, AI522243, AI769458, BE464969, AI151215, AI865920, BF438487, BF063523, BE857269, AW291447, AI271823, AI580333, AI373605, AI246373, AI690129, AI767834, AI971196, AI796985, C18262, BE220875, AV718681, AV742001, AV724520, AV720464, AV718692, AV718844, AV720731, BG149812, AV742667, AV722801, AV719783, AV701017, AW361828, AW361900, AV718489, AV743601, AV701248, AV700229, D80219, D80253, D80227, AV744934, AV745080, AV742720, AV701431, AV719000, AW973447, D59275, AV744771, D80043, AV701043, D80240, AV741012, AV743008, AV701443, D80210, D59787, AV701428, D51423, AV720220, AV723927, AV699447, AV701154, D80134, AV700889, AV721784, D59619, AV699927, AV744773, AV744768, AV745724, AV745831, AV701125, D80391, AV745723, AV701261, AV701012, D80193, AV701166, AV701118, AV740535, AV720607, AV701163, AV737584, AV743654, AV720812, AV720034, D80196, AV741888, AV701332, D80949, C14227, AV745369, D59927, AV746385, D51250, AV745488, AV718707, D80366, AV746335, D80168, AV700622, AV720203, AV744770, AV745366, AV699479, AV745392, AV701055, AV701149, T11051, AV746162, D50995, D81026, AV701145, AV723097, AV701004, AV719568, C14014, AV719822, C75259, D80045, AV738934, AV699550, AV701121, AV701344, AV701335, AV701231, AV701422, AV720150, AV699669, AI557751, AV699746, AV701021, AV719913, AV720211, D59889, AV701013, AV745847, AV718858, AV699682, AV701357, AV745490, C15076, AV745621, AV701330, T23947, D80022, AV719324, AV701151, AV745920, AV701227, AV745853, AV742996, AW063533, D80038, AV700895, D59467, AV745583, D80195,

				<p>           AV699866, AV742671, AL039150,            AV745388, AL038821, AL039085,            AL043445, AV745197, D58283, AW064110,            D81030, AV701419, AV701130, AW959570,            D80188, AV721386, D51799, AL043441,            D80378, AL039156, AL043422, AV745190,            F13647, T24112, T24119, AV718770,            AL039564, AL039538, AL039108, AL039678,            AV701415, AV718800, AL039074,            AL038837, AL039625, AL039648, AL039629,            AL037726, T23659, AL038531, AL039109,            T03269, AL040992, AL039509, AV746102,            AV758878, AL039924, AL039128,            AL044407, AL039566, AL036973, AL039659,            AL045337, AL037051, AL045353, AL039386,            AV717960, AJ293456, AV719468, AL036725,            AL039423, AL043423, AL045794,            AW949642, AV700495, AL045341,            AV745917, BF294063, AV717955,            AV735727, AL042909, AL039410,            AX027925, X68127, A67220, AX020190,            AX021518, A25909, D34614, AR025207,            Y17188, AB012117, A85396, A85477,            AR088705, A86792, AX042372, AR074141,            AR066482, A44171, AB037923, AX026824,            AX047062, I18371, AR062871, AR008430,            I19525, AR037157, AR017907, A84772,            AR062872, AR062873, A84776, A84773,            A84775, A84774, AR079804, A43189,            A43188, AR093385, A20702, AX006821,            AR067731, AR067732, A20700, AX001082,            A58522, A91750, AX035462, AX026823,            AX006822, AX006825, AX006826, I68636,            D26022, D14548, AX047063, AR092424,            AX033851, AF261965, AR091537,            AX046357, A97211, AX003194, A80951,            A62298, AR095491, AC069451, D88984,            AR095490, AX020191, AF261964,            AR071572, I92483, AR038286, A02712,            A62300, S78798, I03664, AR072501, A15078,            AR072503, AR072502, E00523, AR036905,            AR073846, X73004, AB050005, AX001323,            AJ244003, AJ244004, AJ244005, A95051,            AX046223, AX001324, AX003207,            AX006820, AX035632, AX035630,            AX035631, AX035629, AX011024,            AX006819, I00074, AR096545, A95117,            AX006818, A38214, AX033488, AX033489,            AX026821, AX033490, AR095492, Z96142,            AR031374, AX001322, I56772, I95540,            AR018924, A49700, AX033474, AR031375,            AX001325, AX033486, AX001326, A84916,            AX033487, A63067, I19516, AR080470,            A51047, A63064, AR018923, A48774,            AX023549, AR077142, A63072, A48775,            A98767, AR068507, AR068506, AX006816,            A18053, I06859, A95052, AR015960,            AX023550, A58521, AR000007, AR015961,            A23334, A75888, I70384, A93963, A93964,            I63120, AR043602, A60111, A23633,         </p>
--	--	--	--	---

					AR043603, AX023554, A18050, AX006817, AR083151, AR043601, I66495, AX023555, A23998, AR007512, AR020969, AX023556, AX009712, AX006823, AX023552, I66494, AX023547, AX008555, A58524, I60241, I60242, AX023551, I66498, I66497, I66496, AX023546, AX023553, A58523, I66486, I66487, AX023548, AX012337, X58217, A64081, AR054109, I03343, AF156296, I03665, AF261959, AF261960, AF261966, AF261962, AF261968, AF261961, AF261963, AF261967, A81878, A24783, A24782, S70644, AR036903, A35536, A35537, D28584, AR069650, I84553, I84554, AF156294, A02135, A02136, A04663, A04664, AR022240, AR072500, I01992, A11245, A91754, A02710, E12615, AX018504, AR035193, A92133, E14304, A07700, AX027811, AX027809, A13392, A13393, I19517, AR096518, Y11923, A27396, AX027813, AR070327, AX030369, AX030368, A76773, E13740, AX000085, A22413, AR027100, and I28266.
HATAE01	156	654834	1 - 797	15 - 811	AI733856, AI923052, AW500029, AL135377, BG223550, AW969941, AI754567, AI591118, AI380617, AA527209, BE872393, AA644090, AW576251, AA524616, AI061313, AW872676, BF725844, AA169245, AI251576, BF681619, AW630298, AW576485, AW963444, AW851405, AI274011, AI887235, AI612142, BG236735, AA857486, AA704393, AW500684, AI687343, AI583466, AW979191, AI306232, AL038842, AI620354, AW237905, AI754037, AI755057, AV762430, AI114557, AW274191, AI583252, AW966611, BE301584, AI755214, AC008372, AL354864, AL391122, AC006483, AC006241, AC005778, AC008969, AC005231, AC010271, AL450224, AF168787, AC004867, AC004686, AC004019, AL023553, AC004253, AL137039, AC008745, AC004166, AP000555, AC008044, AF107885, AC008753, AC005971, AC005081, AC005098, AC005212, AL096791, AL117377, AC005522, AC005777, AP001725, AC004840, AF190464, AL353807, AL049776, AC005899, AJ003147, AC002073, AC004887, AC006084, AL122020, Z85987, AC020552, AC010311, AC004847, AC004820, AL353701, AL391839, AC007404, AL138960, AC005747, AC007201, Z73359, AC005514, AC005696, AC002350, AC006312, AC005180, AC008626, AC006388, AC004675, AC005412, AL122001, AC018720, AC008403, AC005786, Z93241, AC018719, AC009516, AC002472, AC005288, AC007731, AL158828, AC007664, AL035587, AC005500, AC002072, AC005920, AC008738,

					AC007597, AF088219, D14872, AC008701, AC005519, AC005488, AL034380, AP000204, AP000126, AP000350, AP000557, AF207550, AC005529, AL049643, AC005833, AF196779, AC005236, AC011495, AL109797, AC004817, AL022476, AC002994, L44140, AF134726, AC004834, AL138741, AC002418, AC005690, U91323, AC005011, AP000548, AL135744, AL138876, AC008985, AP001052, AF190465, AL355392, AC021999, AC004386, AC007011, AC004596, AP000558, AL139099, AC020754, AL031659, Y14768, AP000244, AF111170, AC006430, AC005480, AB038490, AL136418, AL121652, AC008278, AC027319, AL121928, AL109806, AL136231, AC002059, AC010789, AC016602, AL122015, AL139095, AC008812, AP000694, AL121983, AC008752, AL034379, AC005796, AC006137, AC012351, AC004655, AC006014, AC007685, AL022163, AC006452, AC005229, AL031295, AL158193, AL133258, AL354720, AC011449, AL021368, AC011497, AC009247, AL009181, AP001053, AC005037, D87675, AC005988, AC011465, AC005821, Z98036, AL117350, Z84572, AL022302, AC008616, AC005599, AL445248, AL162740, AC005387, AL450226, AC003098, AL132642, AC006345, AC020916, AC006211, AC010422, U95739, AC006480, AC008736, AL136305, AL121753, AL033527, Z95114, AC004234, AL035455, AC012309, AC004826, AC004805, AL161937, AP001752, AC010463, AC007277, AC005225, AL031670, AC012370, AC012370, AC012370, AC034121, and AC034121.
HATAG52	157	598714	1 - 996	15 - 1010	AI129949, AA872685, D62470, H05049, D60235, D60505, D60722, D61233, H23868, AW517611, BF089730, BF089737, BF089718, H23914, BF089732, BF089733, BF089715, D60930, BF089739, BF089728, BF089723, D61106, Z40823, C15241, D81133, AA491680, D79646, BF089719, H23869, BF089720, BF089734, BF089729, BF089717, AL514691, AA631120, AL513817, AL514409, AL514627, AL514015, BG170937, BE540578, AA665587, AL513907, BE966547, AL514155, AL514493, AL513977, AL513901, AW118508, BE965014, AL515195, AL514919, AL514721, AL514543, AI829990, AI432570, BG026746, AI686749, AI624529, AL514791, AL513865, BE965169, AI499279, AI537643, BF764538, AL514623, AW162194, AL513999, AL514473, BE964994, AL513597, BE779152, AA575874, BG164371, AL514087, BF822127, AL513693, AI537837, BE892572, BE974031, BE966577, AL513553, BF753053, AI761468, AI583032, AL513707, BF970093, BE963879, AI567582, BG111094,

				<p> AI589428, BE890427, AW827289, AI537677,  AL514089, BF812936, BF812937, BE965145,  AL513687, AI800464, AI042140, AA580663,  AI560679, BE536058, BE965732, AI225000,  AI500061, AA641818, AW081343,  BE138658, BF751997, AL118781, AA653252,  AI345608, AI627600, AL514867, AW168503,  AI521005, AL513991, AL514497, AL513779,  AI284517, AL036187, AI345471, AV742698,  AI242248, AI371251, BF872670, BE963909,  BF876737, AW089009, AI538764, AL513913,  AL514415, BF572734, AI868200, AI559863,  BF798503, AV750565, BG178351, AI673267,  AI473451, AW020095, AV738730,  AA862606, AI801536, AW161202, AI348854,  AI633125, AL042865, AI698391, BF750879,  BE138644, AW020693, AI918408, AI889189,  AW190297, AI357599, AI696340, H89138,  AI281757, BE910373, AL513979, AI335363,  BF527274, BF877846, AL515191, AI690946,  AI334895, AI812015, AI685211, AW949432,  AW845239, BF811808, AI798303, AL514359,  BG167249, AI824648, AL515413, AV655425,  AI500113, AL515235, BG121646, AI356821,  AI674862, AI689557, BE548253, AI961587,  BE963777, BE890955, AW024564,  AW022682, AV726125, AL039011,  AL514357, AA527133, AI961278, AV745810,  AL513951, BF970652, AL513783,  AW173643, AI434969, AW051088,  AL513631, AI862220, AI950892, AW168451,  BE960196, AI274759, AI249877, BG001315,  AW900453, AL513781, AI610681, AI866419,  BF792586, BE279800, AL514455, AL515307,  AW827206, AV683272, AV690007,  AW191844, BE905419, AI815239, AI621341,  AI287476, AL514457, AL513643, BE966443,  BE877846, AI275735, AL049053, AI581139,  AA693331, AI932739, BE900527, AI963625,  BE904902, AI697324, AW080076, BE962759,  BF828245, BE966051, AF123462, AF044221,  AF026008, AB050510, AL122098, AF217973,  A57389, AF260566, AK025209, AC008014,  I48978, X83544, AF225424, AL137550,  AL117626, AF131773, AL389935, AK025708,  AL136842, AL133560, AK024538, U87620,  AL050146, AL355701, AC006112, AF199027,  A18777, AX046842, AK026057, AF132730,  L40363, AK025857, AK027146, U86379,  AK025431, AL161964, AL133099, AF080622,  AL133072, U35846, AP000130, AP000208,  A21103, AF017152, AK027213, AL157479,  AF111112, U92068, U02475, AC004383,  AP000247, AC008897, AL049426, AC006222,  AL122110, AB050410, AB028451,  AL162003, AL353957, AL137574,  AK025465, AK000690, U70981, AL157480,  X60786, AL359600, AK026541, AF203473,  AF119909, AL080110, AK025407, Y00093,  AF017790, AB040710, AF218023, AF061795, </p>
--	--	--	--	---

					AF151685, AF188698, AJ003118, S68736, AL389939, I08319, E15569, AF162270, AL359620, AF155148, Z82022, AF155827, X59414, D16301, AR038854, AC010137, L04859, AK024524, Z30970, AL137478, AL137271, AP001699, Z13966, E12579, AB048975, AX020124, M77345, AF130099, S77771, U75378, AF143723, Y10776, AL445143, AK027104, AL355719, AK025958, AL117583, AF116646, A45787, AF090896, Y14634, AL050322, S63521, U66059, AF087943, AK025015, AL442082, AK000414, AL157878, AL050138, AJ006417, I89947, X66862, AF022813, AK026480, AF089818, Y13350, AK027173, AL133325, AL096744, AF151109, AR068466, U77594, AF035161, U49908, AF130104, AJ250403, AL137548, AF113689, AB047248, AX046603, AF119865, AB049892, AF116650, AL355713, AX030362, AB044390, U42031, AF125948, M64936, AF081197, AF081195, AX019230, I89931, AF116688, AF031903, I48979, A65340, AF036941, AF200464, AK027160, AF109155, AF183393, U96683, A08912, AL157475, AL137480, A08910, AF230496, AC007383, A08911, AK027161, I89944, AF130082, AK026744, AR087170, AF116682, AL137463, A32826, A30330, A32827, A30331, A08909, AK026408, AK026855, AL357195, A86558, AF215669, AL122106, AK000636, E12580, AF113222, AB047878, AK026746, U00686, AF040751, AF112208, AF044323, AF047443, AL137268, AX019229, AF000145, AK024622, AC004213, AR029580, AP001710, A08907, AL133559, AF113019, AK026389, E03348, AF100931, A08908, A07588, AK024533, AB049849, AF130055, A65341, AL133637, AF217988, AB034701, E03349, AB047623, and AL133088.
HATAL05	158	847023	1 - 1185	15 - 1199	AW893936, BF665037, AA780214, AI673021, AA319025, BF908401, AA431683, R68939, N94844, and AJ278508.
HATBA90	159	588403	1 - 420	15 - 434	AA319454, AP001785, AP001785, AP000859, AP000859, AC018780, and AC018780.
HATBM71	160	598715	1 - 702	15 - 716	AW861413, AC023395, AC013558, and AC023395.
HATCF80	161	780460	1 - 2489	15 - 2503	BF339811, BG122135, BE875617, AA478932, BF103548, BE876216, BF215983, AI524796, AW958127, AI140755, AW955639, BF332022, BF979162, BF514220, BF058310, AW298197, N72878, BE089984, AI023398, AI086337, AI287670, AA699963, AI129285, AI874257, AI910979, AA732824, AA777550, AA703405, AW020170, AI767807, BF215446, AI436328, AI080218, AA004862, AI742101, AA634298, BE934102, AV703219, N62654, BE881468, N66921, AW518873, AW256295, BE502078, AF202960, R88933, AA738319, BF028197, AW651623, AA513848, AI050008,

					AI087345, AI168842, BF896684, AI952562, AI174506, AI537484, H91819, AW469171, BF570541, AA404472, AI247589, AI033286, AW674949, N23714, AI247463, AA830691, AI672583, AW673630, BE297328, AA478811, H84944, R91726, AI216462, AA868117, AV653643, W03103, AA329308, H53465, R67037, BF094007, R47943, H85305, H85501, H65748, N80378, T59948, BE326790, AW518777, BF095245, AW452499, R65661, AI247992, AA872536, R62147, H91718, R62255, W27922, AA362299, AI913503, BF898661, R94731, BE857260, T85340, H84824, AW020859, AA600012, R48052, AA004975, AI039338, R89613, T85438, T60019, AA348146, Z43336, Z21521, N41958, AA256831, AA236373, BF978991, AI630333, AW368732, AA777358, BG110809, AW361127, BF985891, BE082510, BF086748, BF895069, AW605945, AA381646, AA381606, BF909775, AA381694, BF978881, BG249665, BE541474, BE699544, AB033075, AF075461, AF075462, U92478, AF112886, AP000459, AP001687, AF222859, AC005242, and AC019167.
HATCI67	162	847024	1 - 1094	15 - 1108	BG034098, BE877241, BF058520, BE856379, BE881016, BG026242, AA404709, AI096907, AI142557, AW966826, BF195157, AI074500, AW139039, AI630178, AI921159, AV655985, BE891605, AI955699, AI094295, AI801463, AA196603, AI828467, AI801258, AA595775, AA622790, AA961674, AA196602, AW952959, BF437521, AA927178, AA974990, AA926840, BE440056, AI302567, AI133070, AA292698, BF477828, AW964572, AI418531, AW130119, AA037836, BE858455, AI249082, D19601, AA452549, AI202938, AW779414, BF380123, AI423897, AI079717, AW088480, T79142, AA970426, AA037835, BF447346, AV712531, AW274036, AA317989, AW838379, AW473243, R09357, N64781, AW104842, AI673440, T79223, R80809, AA621613, AI630428, AI567188, AI956021, AA907717, BE049469, AI349466, AI352275, BF380134, AV738679, AA047624, AA284376, BF377286, AA936174, AA284125, T39989, AA404310, N76193, AW733115, BF745231, AI361349, BF760352, BG035872, AA344226, AA286984, AW838245, AA430956, BF850753, AW779293, AA321009, AA829495, H96318, R81012, AF118070, AL157431, AC013606, AC013606, AC015685, AC015685, and AC015685.
HATCJ27	163	847025	1 - 916	15 - 930	AI654115, AW102618, AI038527, AW195055, AW891503, T18999, BE764818, BF086642, AA134696, AW891479, AA076909, AA115326, AL049437, AC004668, AC018645, AC006379,

					AC005826, AC007276, AC006379, AC006379, AC004668, AC004668, AC004668, AC005826, AC005826, AC007276, AC007276, and AC007276.
HATCS79	164	848564	1 - 780	15 - 794	AW976299, AU158177, AI400634, AA648537, AW148642, AI686937, H08084, H05599, BE972835, AA778728, R37326, H08212, BF977151, AA749072, BF037560, AK023708, and AC074091.
HATCX03	165	899395	1 - 1131	15 - 1145	BE671026, AA400920, AI149738, AI681025, AW297392, AW451362, AA782555, AA393952, AI187402, H16244, R42862, H10214, R54075, BE671675, Z39477, AW129096, H10268, AA012946, AA018460, Z43406, R37860, N54009, AL514793, BG108324, BF970731, BG032214, AL514129, AW999049, AV756393, AI349645, AI500077, BE048319, BG180996, BF882343, BG036846, AW169653, AV757598, BG058398, BG030364, AW071349, BF812933, AI521012, AI349772, BG109270, AL036146, AI340582, AW301409, AW087445, AL515375, BF883916, BE966388, BF971016, BE047952, AI758437, AL036361, BG260037, AA225339, AV760102, AW827249, BF527014, BG164371, BG058208, AL135661, AI702406, AW071417, AI249257, AI590128, BE904295, AI436456, AI702433, BG257535, AI564719, BG110517, BG031815, AW103371, AW238730, AI348897, AA572758, AV757639, AW827203, BG105099, BG112879, AW274192, BF816811, BE964633, AI340519, BG110684, BE048071, AI538716, BG120816, AV686346, BG168549, BG151247, AI433157, BG179993, BE048135, BE964614, BF037097, AI274541, AI620284, AI281779, AI857296, AI498579, AL040243, AW162071, AI282281, AW075351, BE887488, AL515047, AV682479, AI312428, BF817926, AL079963, AW148320, AW104724, AI682841, BF724691, AW129106, BG110283, AI349004, AV756150, BE891942, BE963035, AL043326, BF343172, AI567351, AW074993, AI800433, AI349614, AI868831, BG032208, BE781369, AL044207, BE172767, BG168696, AL046849, AI619502, AI433976, AI802542, AW268253, AL045500, AI497733, AI312152, BF795712, AW026882, AI345735, AI783504, AV764282, AL036396, BF812938, AI800453, AI349933, AA640779, BE964700, AI349937, AI340603, BE964812, BE018711, AW089572, AL036274, BE964876, AI500659, AV682792, AW068845, AV717179, BF812961, BF794994, AL036403, AI866608, AL036802, AA508692, BF726421, AI269696, BE048013, BE965432, AI275175, BF340031, AI570384, AI224992, BG030189, BE620084, AW150578, BF034349, AV758668, AI636445, AL119049, BG222103, BF103225, BF792469, AV702623,



				<p> AI633419, AV682476, AW002342, AI866002,  AI872711, AI799199, BF793324, BF726451,  AV733397, AI610645, AI869367, AI524671,  BE876033, AI343112, BG109131, BF038131,  BE879906, AV681647, AI349598,  AW303152, BG114104, BG109221,  BG252929, BF344652, AI687728, AL047042,  AV682266, BE904178, BF885675, AV755311,  AI539771, BE877769, BF872670, BG178809,  BE018334, BG109125, BE881134, BE964994,  AV757018, AV733385, AI440426, BF726297,  BE965556, BE876270, AI539153, AV758806,  AV724841, BF812438, BF968493, AL134259,  AI469532, BG031664, BG179633,  AW074869, AI282655, AI754897, AL513597,  BF526020, AW806761, BG177920,  AC007038, AF118070, AL157431, I48979,  AF090943, I89947, AL117457, AF116602,  AK025339, AL050116, I89931, AF116631,  AX046603, AF116644, AF116639, AF130082,  AF119878, I48978, AF078844, AB048964,  S78214, AL049466, A08916, AF113690,  AJ242859, AL442082, AF113677, AK025084,  AL049452, AF138861, AF090896, AL162083,  AF130105, AF090903, AL133016, AF116691,  AX019230, AF130059, AL390167, AF090934,  AK026741, AL050146, AF113013, Y11587,  AL137459, AL133075, U42766, AF116688,  AF118064, AL049314, AF130092, AL117460,  AL110221, AF090901, AF218014, AF090900,  AB019565, AB049758, AL050108, AF111847,  AX019229, Y16645, AL110196, AL133640,  AF130104, AL096744, AL122093, AK000083,  S68736, AL050393, AF113691, AB047615,  AL162006, AF116646, AF125949, AL080060,  AF113694, AL133606, AF104032, A93016,  AK026045, AF130075, AL050149,  AR079032, L31396, AL442072, L31397,  AF113689, AL389978, AK026608,  AB048953, AL359596, AR059958,  AL137527, A65341, AB052191, AF106862,  AK025414, AF119875, AK026865,  AF146568, AL049938, AL122050, AB041801,  AF113676, AX006092, A08913, AL050277,  X84990, AF113019, AR011880, AK025958,  AK026855, AL122121, AK000137,  AL359601, AL359941, AL389982, AL117583,  AB051158, AF219137, AK024538, AJ000937,  AL133080, AK025092, AL133560, A03736,  AL359618, AK026927, Y11254, AF017152,  AK025772, AF113699, AL080124,  AB052200, AF130110, AL133565,  AK027096, AF119899, AL133093,  AK026744, AK000212, AK026784, E03348,  A08910, AF119909, AF116649, X82434,  AR087170, AK026542, AK000323,  AF177401, AL137557, AL133557, AF091084,  AL122123, AL080137, AK026353, AJ238278,  AF097996, AF207829, AK000618,  AK025491, AF125948, AK027113, </p>
--	--	--	--	---

					AK025967, AF225424, AF111851, AF158248, AF314091, AF079765, X63574, U91329, AF116682, AK026592, E07361, AL110225, E02349, AL137283, AL049382, AF242189, AL050138, AL137550, AK026583, AB048954, AK026452, AL117394, AK026959, AK027164, AK026647, AF017437, AB047904, AK000432, AK026630, E07108, AK026480, AK027204, AK026533, AL049430, AL353940, AK000614, AK000445, AF177336, A08909, AK026532, A77033, A77035, AL117435, X70685, AK026534, AL049464, AK026504, Z82022, AK000652, AL122110, AK026086, I33392, AF130100, AF130077, AF118094, AF119871, AL117585, X65873, U00763, AX026824, AX026823, A58524, A58523, AL049283, AF183393, AL359615, AK024524, AL137538, AL050024, AK025484, AB034701, AL049300, AL359583, AL137271, AF130099, AK025524, AF130066, AF116610, AK025391, A08912, AF119865, AF175983, U72620, AF119894, U67958, AC007038, and AC007038.
HATDE03	166	831097	1 - 1913	15 - 1927	BE739465, BE891978, AI064814, BF574666, AW500374, AI672465, AI018787, AW052053, BE535718, AI085948, BG113775, AI990302, AI953673, AI420283, AA133962, BF222709, AI950950, AA531344, AA581887, AI539437, BF576522, AI191578, AA947570, AI765646, AI678816, AI128106, AI769529, AA576370, AW665382, AW611714, BE466886, AA487550, N47086, N46831, AI360979, AA531240, AI066702, AI968589, AI298611, AI952473, AA424262, BE463868, AI655143, AA714725, AI678531, AA278524, AI923495, AA447968, AI806746, AI954030, AI869033, AA134028, AA960785, AW207365, AA947634, AW136008, H11944, H28911, BF211396, AI217739, AW631302, AA417939, AW594400, AI696137, AA835689, R52424, R77636, BF431514, AA970398, AI800080, R38869, AW235319, AI910543, AV714244, AI475414, H11945, W37736, H28910, AA491492, AI669956, R82055, BF432711, AA531383, AI002331, BF446566, AA505809, AA508666, AA828887, AF202372, R40339, R15052, R15026, R77637, AI934568, R15027, R24749, BF431117, AW182669, AA609326, AI559909, AW207410, AI657192, AA653714, AI364644, R33663, AW999003, R41466, AF202334, AA405665, AW196963, R33778, T80571, AA476851, R41465, AF202335, R41488, R45544, AA745998, AW138013, BF687916, BF093940, BF949563, and AL035252.
HATDF41	167	785628	1 - 1302	15 - 1316	AI621225, AV747671, N63573, N92200, AV746634, BG231726, AW183140, BE856270, AW167032, BF948891, AV748252, BF435347, AI858359, AW148853,

					BF948902, AA042846, N94829, AI745356, AI457424, AI127596, AI199414, AI347843, AA991303, BF692843, N64470, N64000, AV660901, AA984043, AW900778, AW900592, AV749739, AA757352, H12251, AA429996, BF764236, AA829349, H05437, AA044395, AW821146, R18387, AW104277, AA904427, AI056269, N36912, AA961922, AA970678, H43501, H12250, BE765505, BE765712, AI859677, BE765709, AI002633, BE766253, N45503, R42450, AI860029, AW391837, AW391817, BE714405, N56227, BF242690, AA064777, BF094433, AL528693, N46190, BE173352, AA064761, BE697914, T15767, BE091094, AC007686, AK024737, AC007375, AC007686, and AC007686.
HATDH23	168	603959	1 - 1326	15 - 1340	BE501362, AI655555, BE046961, U69204, AW135384, AW885981, AW952627, AA922435, F07076, BG109227, H83335, H04786, T04880, Z38941, M78402, BF679749, H17078, BF434418, BF195094, AI917865, AA459264, AA682757, AI816775, AW815883, AW502971, BE833526, BE833420, AA703265, Z40171, AI968933, BE886315, AI204895, Z42798, AA837300, R13314, BE741639, BE154322, BG008525, BE741379, BE743916, BE046895, AI202971, AI557275, AF013970, AF069747, AF076461, AL121906, AF052210, AF068266, AF076458, AF076457, and AF076459.
HATDH55	169	847323	1 - 2083	15 - 2097	AW965167, AI818248, AV751582, AI973120, BF968711, AI655459, AA402799, AI424040, AI655673, AI423152, AW086426, AI754194, AI758361, AA576540, AI261621, AA402807, AW665992, AI952311, AI887993, AW148650, AW771900, AA759224, AW342012, AI271342, BE828082, AW021496, BF208987, BE968521, BE972439, D62867, AA345189, C16554, AI472528, AA452472, D61742, AI582519, AI935911, AI049844, D62022, AI572728, AW130595, AW958018, AW264671, D62562, AA248386, C01046, AA804737, AF199023, and AX035230.
HATDO84	170	609850	1 - 944	15 - 958	N22428, AI049709, AA284247, AI635440, AI887235, AW192179, AI440117, AA515728, AV755593, AW973992, AA683069, AI380617, AI821931, BE501593, AW467607, BF725761, AW237905, AV756491, AI753672, AI358712, AW023111, BF526964, AI493583, AW963444, AA657752, AI249365, AC025275, AL096840, AL049839, AL158046, AC027644, AC005231, AC004181, AB000876, AL357519, AC020552, AL031291, AL121886, Z82194, AC002310, AL008725, AC005619, AB000882, AC011811, AC007868, AC004000, AP000505, U95742, AC007011, AL035587, AJ400877, Y14768, AC006088, Z82244, AL109925, AP001752, AP001052, AP000509,

					AC022150, AL136137, AC005696, AC005829, AC008784, AC010150, AL121920, AC005098, AL135744, AC012330, AC006449, AP000694, AL118520, AC004801, AC010271, AL034423, U62293, AC005057, AL031659, AC003664, AC004685, AL035089, AC007981, AC005291, AC010205, AL353701, AL050341, AC008928, Z83851, AC004824, AC007371, AP001718, AC011450, Z85987, AL031848, AL118502, AL161936, AC009116, AC020550, AC005924, AC004166, AL021808, AC007405, AC004466, AC006509, Z97876, AC008626, AC007216, AL049539, AL121586, AC005295, AC007325, AL008718, AP001725, AC006388, U80017, AC008395, AC007021, AC004771, AL031845, AC004974, Z83822, AP000553, AC007664, AL022313, AL138836, AP001717, AP001440, AL049757, AC005971, AL162505, AL109758, AC007850, AC005932, AC009123, AC011490, AC005261, AC005779, AP001629, AC010489, AL031767, AC005031, AP000089, AP000142, AP001670, AC010422, AC006011, AC018719, AC008072, AC002314, AL139343, AL353804, AC005736, AC005701, AC067967, AC008745, AL136139, AB023050, AL162424, AC005399, AC002378, AC020913, AC010358, AL031003, AC008132, AC011455, AL133246, AC023491, AC004805, AC004167, AL033528, AC005933, AP000511, AC006241, AC006115, AC009086, AL391833, AL035659, AC010458, Z82189, D87675, AL121656, AC007437, AL359382, AL022323, AC027319, AC009531, AB003151, Z95331, AP001695, AF207550, AL136179, AC007226, AP000359, AL133454, AC004876, AL009181, AC011462, AL024507, AF199339, AL031985, AL138708, AL136300, AC021016, AC002316, AC009502, AL033529, AL445215, AC026398, AC004840, AL049760, AP001711, AF165926, AC007537, AL021154, AC004447, AL121928, AL159977, AP000356, AC005911, AL109825, AL390738, Z83847, AL133545, AC011895, AL139352, AC005067, AC005544, AC005899, AC007242, AC073898, AP001748, AL034420, Z84469, U91322, AC006468, AC004130, U80460, AL162390, AC008795, AC011500, AC018663, AC006023, AL021393, AC020908, AL135749, AC002044, AC005089, AP001631, AC011497, AC005200, and Z99570.
HATDU01	171	847028	1 - 1288	15 - 1302	AI963460, AI521577, AA663192, AW085712, AV703782, Z30289, BE762852, AW800403, AA912320, AW593663, AW969743, AA483606, AA570740, AA644090,

0950083 091201

				AA568204, AV757289, T74524, AA468505, BF244530, AV759632, AW270385, AV703785, AW021917, AL042667, AL042670, BF725884, AA713946, AA614254, AA230025, AI583142, AA468371, BF991208, AA467760, BG056362, H73550, AW500250, AI278972, AA224889, BF800824, AW301736, AI499954, AA084609, AW438539, AV756809, BE155099, BF811714, AI040051, AW078909, AW188742, AI366993, BF804359, N64587, AA133472, AI358089, AA579179, AI280266, AA904211, AA297496, AA182731, T71936, R83708, AI917132, AA557945, BF925512, AI247002, AW968341, AA640710, AI061313, AA878140, AV754716, S42653, AC006064, AC018751, AC004650, AP001670, AL121601, M87914, AL137818, AL023803, Z99127, Z83822, AC004033, AP000558, AL158830, AL136300, Z98941, AC005585, AL031602, AC010326, AC005632, AL096861, AC004510, AC007193, AC006974, AC009516, AL121928, AP000356, AL050349, AC004962, AL035669, AC008392, AC011510, AF265340, AC004985, AC004000, AL122020, AL031005, AL162430, AP000555, AC004455, AL050335, AC005015, Z97053, AL356652, AC020552, AP001714, AL357497, AC025588, AC005913, AC002350, AC008403, AL022323, AL121933, AC007383, AC005500, AL121655, AC008044, AL022165, AC009600, AC004686, AC008551, AC021876, AL031284, AP001748, AL132659, AC008050, AL008718, AC008736, AC004988, AC020916, AC004089, Z94801, AC011506, AL136172, AC007349, AC006130, AL365315, AL133153, AL139099, AC006329, AC004913, Z93241, AL031662, AC003012, AC002430, AC005484, AC004675, AL022316, AL031659, M87909, AC005911, AP000359, AC006511, AC007384, AC020913, AL021394, AL121757, AC006137, AJ271735, AC008752, AL135924, AC003029, AL121747, AL031985, AL049762, AC005519, AL121900, Z54246, AC011479, AC009486, AC008848, AC004491, AL121890, AC002289, AL022318, AF205588, AC005207, AL034380, AP000967, AL033383, AC005280, AC009238, AL136418, AP001432, AF196970, Z82176, AC007272, AC005620, AC007683, AC005261, AC005722, AC005013, AL078463, AL157372, AC007283, AC011500, AC007263, AC004967, AC004797, AC004997, AC011491, AC008372, AP001629, D84394, AC018738, AP000151, AL354720, AL158040, AC002425, AC004030, Z98051, AC020663, AC007546, AL022327, AC007842, AC016898,
--	--	--	--	--

					AL031685, Z98304, AF168787, AC006251, AC016652, AL096791, AF317635, AF001549, AC005288, AL022302, M63543, AL445590, AC002394, AC011449, AC006241, AC006160, AL356299, AL121652, AC010605, AL022326, AL159168, AL121712, AL049748, AC004796, AC005523, AJ277546, Z86090, L78810, AC005180, AC006285, Z97183, AL121753, AL121932, AC006080, AL031281, AF088219, U91326, AC004531, AL356575, AL078461, AC011495, AP001436, AL136228, AP001630, AF019413, AL022322, AP000037, AP000105, AC007216, AC010395, AL139353, AL109952, AP000700, AL031228, AC004887, AC004703, AC008649, M63544, AL133355, AL021368, AC005003, AC009060, AL441887, AL355392, AC007011, AP000552, AF111168, AL031311, AL021977, AF038458, AC005255, U07562, AL117258, AC005086, AL078644, AC004840, AP000240, AL117381, AC005080, AF030453, AL034422, AC006146, AP001725, Z72006, AC004799, and AC020956.
HATDW05	172	566849	1 - 544	15 - 558	BF968910, BF726628, AI590120, BF970768, AL041772, BE047737, AW020095, AW673679, BG029053, AV735235, AW071417, AI567582, AV757737, AL038445, BG168549, AL036274, AL036361, AW161156, AA225339, BG030364, BG178488, BG108244, AI921248, BE045182, AW059828, AI868931, BE736300, BF885081, AL041150, BF344691, AW238730, BF343568, AA572758, BG113188, BF885675, AV682645, AL036403, BE965067, AI340603, BG179633, BF883916, AV746964, AW189301, AV729890, AV760409, BE964497, BE965724, AL036146, AV733734, AI345543, AA580663, BG027280, AW806761, BF924882, AI783504, BF971016, AI572787, BG029667, BE047833, BE048071, AI348897, BG166654, BE964876, BF904265, BG179993, AI312428, AV647670, BF872670, AV648263, BF338002, BF968558, AW673635, BF343172, BF856052, AV682809, AL038605, BF822127, BE877295, AI554245, BE172412, BE886827, AI569583, BE878028, BG249582, AW151136, BG165051, BF527014, BG112718, AI500077, BE895585, BE785868, AL119863, AV712672, BF826445, BF814357, BG110684, BE047952, BF816037, AW169653, BG058150, AI433034, AI431424, AI349645, BG260037, BF814525, AW089572, BG180996, AI335426, AI802542, AI348777, AI699865, AI497733, AW999049, AI269862, AW827115, AW161579, BG257535, BE886728, AI815232, BE964614, BF924897, AW302965, BG110517, BE048087, AA640779, AL118781, AL120853, BG168185, AA613907, BF792961, BF038131, AI478123, AV734130, BG113385, AI439717,

					<p> AW880037, AL047275, BG026428,  BE909398, BG122481, BE138658, BF816811,  BE965432, BF343205, AV733393, AI862144,  BF344031, BG114104, AL046944, AV734843,  BG105895, BG180034, BF970449, BE966011,  AI567351, BE965621, BE781369, BG031664,  AI284517, AI923989, AI623941, AV723064,  AI340582, BG107566, AA427700, AI863133,  AI433384, AI440263, BG121774, AW074993,  AI349614, AI950664, BG035511, BE885490,  AI343112, AW193134, AV727776,  BE874133, AV708097, AW961463,  BF726207, AL036980, BF968205,  AW079336, AV682127, BF916181,  BF868928, BF970990, AV738991, BF792928,  AW268253, AI567612, AI349598, AI890507,  BE965355, AW946806, AI312152, AI307557,  AW235745, BG108195, AI345735, BE963035,  BF854113, BF924869, AI500523, AW075084,  AL036396, AI620284, BE965121, BG032208,  AV756560, AI349937, BE620444,  AW827276, AV743962, AI619502,  AV681840, AW772685, AI307708, AI828731,  AI500659, BG029829, BG033723, AI284131,  AI886753, BE887488, BF344652, AV741327,  AW827207, AI433023, AI612885, BF092710,  BG058208, AL079963, BF812960,  AW827289, AV708992, BE047852,  AI343030, BG029086, AI345608, AI699011,  AL040827, AL537364, BE172767, AI500706,  AI274728, AI445237, AI632408, AL110306,  AJ238278, AF017437, AF116610, AL096744,  S78214, AL117457, A08916, AK026528,  AL117585, AF113690, AF130082, AL133565,  AX019230, I48978, AF175983, AK024538,  AL353957, AK027164, I89947, AX019229,  AL359615, A08913, AL050108, I89931,  AK026927, AR087170, AK026506, A08910,  X82434, AF130066, AK026629, AL050092,  AF130110, AL049452, AF119899, AF218014,  AF100931, AF113677, A08909, AL137459,  AL359601, S61953, AF116688, AB052191,  AK026086, AB034701, AL050024,  AL122050, E07108, AK026855, AL110196,  AK026045, AF119871, AL110221, AL122093,  AL389939, U42766, E03348, AK024588,  AL117460, I48979, AR038854, M30514,  AF090900, AL122110, AB051158, Y11254,  AL137550, AK026542, AK027160,  AL162002, AL080060, Y11587, AK026480,  E04233, AK026353, AL133640, AL049314,  AB048954, AL080127, AK026608,  AK026452, AK000323, AL133560,  AL117435, AL133606, AF130104, AF314091,  AF113694, AF119894, AL390154, AF111851,  AL137538, AL050277, AK000614, AF177336,  AK026784, AK025092, AF113013,  AL050116, AX046842, AB049758,  AF116631, AL442082, AF104032, AR011880,  AF078844, AF091084, AL162008, AF132205, </p>
--	--	--	--	--	---

					AJ000937, AK026583, AF130100, AL162006, AK000486, AF219137, AF130087, AF125948, AF130077, AF125949, AF130059, AF260566, AL110225, AK026551, AF090901, AL137527, A03736, AF061943, AL359941, AF116676, Y16645, AK026597, AK000432, AL133645, AF113699, AK026626, AF225424, AF119909, AK025414, AF116602, AF158248, AL050146, AF116639, AL162083, AF116644, AK026504, AK027096, A65341, AL133080, AL049430, AB047615, AK025084, AK027146, AF242189, AL049464, AL353940, AL353956, U35846, AF116691, I03321, AF118064, AB048953, X70685, AR059958, AF130105, AF113676, L31396, S68736, AF090896, AK026593, L31397, X63574, AL080124, AF111112, AK000618, AB033881, AF090934, AF119875, E05822, AK000083, AL133557, AF113691, AK026462, AF111847, AK025484, AL157482, AL133014, AF146568, X96540, AB019565, AF113689, AF090943, AF097996, AL137557, AK026526, AK000445, U58996, AK026741, AK027193, AJ242859, AF116654, AF116649, AL050149, AR079032, AL442072, AF321617, AL117394, AL122123, A08912, X72889, AF118094, AF119878, A77033, A77035, AK000137, AB047904, Z72491, E02349, AL359596, AF217987, AK027204, X84990, AF116646, AB052200, AF116682, AL133568, AF056191, AL050393, U72620, AL049466, Y14314, AF087943, AF130092, AF017152, AF138861, AL133113, AJ006417, AK026534, AL122121, X98834, AF113019, AL137526, E06743, AK026592, AK025339, AK026959, AK026744, AL117583, AL359618, AF130099, and AC013448.
HATEF13	173	782358	1 - 1665	15 - 1679	AW971762, AI809005, AW968446, BF223096, BF434222, AL135712, BE464090, AA961822, AI936383, AW241448, AW296283, BE867187, AW241505, N80207, AW195211, AI807109, AW299231, AW473218, AA459127, AW241601, AI203172, AA458908, BF247444, BF223606, AI801133, H67242, W38497, AL135711, BE552408, AI522215, AI671270, BF083419, BE172783, AW440083, AL133380, AC069126, AL133380, and AL359819.
HATEF64	174	571035	1 - 1321	15 - 1335	AW976316, AI655969, AW014726, AI248683, AA748659, AI291114, AI828956, AI243118, AA971994, AA953845, AA724447, R86082, AA929012, AA758001, AI004477, BF445841, AI275536, AA608936, AI142787, AA084349, AA490646, BF889329, AA077124, AI381367, AA077006, AW811569, AL118502, AC069008, and AC069008.
HATEH40	175	637513	1 - 549	15 - 563	AI927895, AV682108, AA977532, AI219411, AW819739, and AI370381.
HATEI22	176	858585	1 - 2404	15 - 2418	AW025332, BE387500, BE272406,



					BE170710, BE272472, BF327058, BE386928, AW953402, AI344208, AA829945, AI128091, AA558424, AW172323, AW665097, AI332592, AW073744, AI379522, AI140440, AI271642, AA724234, AI570618, AI799429, AI343766, BG028910, AW305376, W46979, AI344640, AA203663, W47080, W22559, AW148745, AI370859, AA838157, AA449343, AA746222, AI753770, H16882, W00616, BE868614, AI688886, AW631117, AI284278, BE180450, AA988314, AA449602, AI335749, AA768148, AI313415, N40824, AA564697, AA844390, BF036414, AA829787, AA960941, BE315439, AA552138, AA574224, AI056257, R96563, BE302419, AA351620, T75035, AA760625, AI038229, AA027114, F12705, D11952, AW850952, H16773, AW810600, AW072929, AI357357, AA355276, AA741538, AI197799, Z17889, BE707416, AI432022, R43650, R46733, R21138, AW183367, F10313, R96518, BF374593, AI205866, AW809916, AW387951, AW609111, BG058270, BE842266, BG027280, AA190209, AA585183, BF352428, BF746984, AA585377, AK025775, AL121673, AL121673, AL121673, and AL121673.
HAUCC84	177	830672	1 - 1294	15 - 1308	AL532628, AL532672, BE383865, BG165584, BG118974, BG254895, BG032294, BF125805, BE563592, BE275966, BG251927, BF982112, BE882130, BE273386, BE621346, BE621600, BE910077, AW340002, AW662348, AV690660, AW956285, BF125984, AW263252, BE786915, BE878459, AI302813, BE384949, AA806234, AI800828, AW337920, AI685453, AA582942, AW960290, AW150706, AI566501, AI802925, AI022951, N32077, AA743819, AW887044, AI160053, AI336188, BF724458, AA643850, AW874420, AI091958, AW081284, AA512938, AI687081, AW051587, AV712884, AA884985, BG118001, AI738521, AA812286, AI185199, AI761431, BF588732, BF089694, BF131600, AA403009, AU155358, AA047094, BF062838, AW130755, AI554205, W60982, AW069431, AA143405, AW511552, AI086947, AI952635, AA862513, BE713090, AW025157, AW591573, AI674916, AI911657, AA457705, BE735733, BE713112, AW418700, AA410666, AW009464, BE713101, AI684131, AI811699, AI613185, AA043722, BF025858, AA101008, AA143404, AI812095, AI695151, AA662383, AA034911, BE786538, AI445209, BE551911, AI306627, AA152449, AI446572, BF089713, AI760791, AI093619, BE713115, AI955408, AI344379, AI739460, AW002682, BE816322, N29782, AI824906, BF588514, W52269, AA622005, AA586560, AI798484, BF328748,

					W47540, W52268, AI795838, AA861143, AA524329, AA047184, AA506568, AW198106, AA936419, AW837790, T49532, BE146061, BE713131, AW021602, W45220, AA506574, AI357909, AW168465, AW191630, N25070, W47587, AV683186, AA152448, BE713140, W39753, AA907471, AA301628, BE927371, AW992576, AA641358, AA515290, N45391, BF353872, H80074, AA431547, AI934135, AA927158, BE785681, BF001443, AA372266, N25911, AA535141, AI918662, AA102493, AW021800, BE644892, AA613551, AA913677, F35471, AI795855, AW674155, AV735512, AA480815, AI718365, AA613011, BE122732, AA903677, T49531, AV760202, AI872650, BF986064, BF736993, H80073, BF734668, BF083359, AA973783, BE713050, AW375945, AA505724, AA514710, BE931215, AI927674, AA043424, AI475421, BE326635, N57203, F24647, AA356940, BE939840, BF819978, BG164160, BE645937, AI936211, BF081873, AW367127, AW820898, AA034978, AW801099, AA593644, AW820893, BE934854, BE071853, AW849488, AI472573, AW374518, AW820940, T10460, BE384781, AA587154, AW840916, AA431094, AW821070, AI810621, AA918275, AI336721, BF690975, AI709355, AI313344, BE543636, AW840934, AW821021, AW004782, AW821032, AA062797, AA632243, AW059882, BF990097, N34155, Y14551, AP000512, AB023051, AC006165, AF071596, AF039067, X96438, S81914, AF083421, AJ227914, Y16736, AA587966, AB023051, AB023051, AB023051, AC006165, AC006165, and AC006165.
HAWAS41	178	877621	1 - 995	15 - 1009	AA320493, AI613459, AW888719, AW151102, AA324108, BE062357, AV737323, AA595661, BF896020, AA191418, BF797630, AI523205, BF868826, BF880881, BF681465, BG110480, AI310670, AI754257, AI251696, AF106953, AL034380, U47924, Z93023, AL163279, AC005081, AC018755, AL022326, AL162505, AC003101, AF134726, AC009032, Z99128, AC006948, AL358777, AC011475, AC005000, AC025588, U52112, AX039602, AC008747, AL080243, AC006511, AC004686, AC004526, AL020993, AL109797, AC008733, AC005527, AC011497, AL135744, AC005696, Z93017, AC004876, AL049840, AC004867, AC007226, AC006317, AC004762, AL442167, AC005015, AC005821, AC002369, AC016940, AL163285, AC008050, AP000502, Z99716, AC004922, AC006538, AC010271, AE000658, AC006277, AC006483, AC005089, Z83844,

0950083 091001

					AL121601, AC022150, AP001719, AF222987, AL353599, AC020904, AL136171, AP001714, AC007308, AC005529, AL118520, AL009179, AC073095, AC007739, AC010412, AC025809, AC027319, AC008760, AF165926, AC004611, AL121586, U85195, AL050308, Z84487, AL353807, AL353701, AC007676, AL034561, AC005052, AC002119, AP001760, AC005632, AC008745, AC005839, AL133153, AC008812, AC009086, AL024474, U78027, AC011811, AL117381, AL136969, AL031321, AC020552, AL022238, AP000275, AC004166, AC005098, AC007421, AL035422, AC008372, Z98304, AC003041, AP001717, AC020663, AL132777, U82668, AC002347, AC005775, AC005189, AC010422, AP000037, AP000105, AC026704, AL031680, AL132987, AF225899, AC005971, AC006449, AL035417, AL035587, AP001712, U50871, AC024561, AC024247, Z95114, AC004846, AF217796, AP001748, AJ295844, AF111168, AC008543, AC004797, and AC037489.
HAWBA65	179	542056	1 - 547	15 - 561	BE882043, AL157550, AA779384, AA421118, H01594, T95256, BE385065, AA393042, AA320903, BE698005, BE697965, BE928303, AW149302, AI208944, BE928327, BF336084, AA834024, BF989445, BF951328, AA165096, BF678545, BG004406, BE541639, AV685396, W80650, AI654291, BF858156, AW975618, BF854283, BF813521, BF858151, AV718692, AV699550, AW966053, BF808929, AV724520, BE697956, C14429, R75688, AV718489, AA299975, AW978634, C14389, AW964468, AW966531, D80269, AW966534, D58283, AV738340, AV720791, AV718681, D80227, AW949645, AW959628, BF989035, AW973541, D59619, AV742048, D80210, D80195, AV720203, D80240, AV720028, D80166, AV718440, AV718844, AW975621, D59859, AV720731, AW965177, D51799, D51423, D80219, D80391, D81030, C14331, AV719188, D80253, AV719822, D80212, AW966062, D80268, T03269, AW960553, AW973307, AW966330, AW966054, AV719324, AV719783, D80043, D80196, AW959570, D80188, AV718800, AV699927, D59927, AV720211, AV720464, AV719557, AV718770, AV722801, AV699447, AW966013, AV723927, AW949642, D59889, AW949656, D80366, AW966041, D80193, D80038, AW959598, D80022, D51060, AW949632, AW964756, AW966050, AW959597, D80378, AW965158, AW949643, AW949629, AW949641, AW949633, AW978661, AW949631, AW949657, AW959202, AV742001, D59275, AV720812, AW949618, AV721386, AW949653,

0905003 091201

				<p> AW973447, D50979, BF761642, AW958992,  AV701443, AW960465, AV700889,  AW949646, AW949658, D57483, D50995,  AW949654, BF800528, BF800510, BF989034,  AV701004, D59610, D80045, D80024,  AW973485, C75259, AV723097, AW949655,  AW973445, D81026, AW964488, AV720654,  AV718633, AW975605, AV745080,  AV718931, BF800527, AW959799,  AV741191, AV701428, AV718707,  BF995505, D80241, AI740880, AV742667,  AV701125, AW966022, AV701335,  AV701166, AV701043, AV701332,  AV701017, AV701248, AW973334,  AW978648, AV701431, AW177440,  AV742732, AV738928, AW965163,  BF989219, AW959469, AV701123, D59502,  D59787, AV701419, AV700229, AV742430,  D51250, BF854363, AV701021, AV719049,  D80164, BF995516, AV699669, BF762788,  BF819247, AV718938, AW966389,  AW964532, AW753067, C15076, AV701154,  AW964477, AW956434, BF989223, C14014,  BF761650, BF997847, AV701130,  AW960504, AV701149, AW959136, H98501,  AW975623, AW177501, AW177511,  AW966029, AW966560, AV699866,  BF989030, AV742735, AV701422,  AW964737, AW962245, AV741220,  AW965196, AW965184, AA305578,  AV701344, AW960473, BF995563,  AW966030, AW966075, AP000497, D88153,  AX047063, AX033851, A84916, A62298,  AR070327, A62300, AX027925, AX047064,  AX047062, AJ302649, AJ132110, AR018138,  Y17188, AX020191, X67155, A67220,  D89785, A78862, AX020190, AX021518,  A25909, D26022, AF058696, D34614,  AX035434, AR087649, AR008278, D88547,  AR025207, AB028859, X82626, A30438,  AX028130, A82595, X68127, Y12724,  U79457, A94995, AR060385, AB002449,  AR008443, AJ294956, Y17187, AR008277,  AR008281, I50126, I50132, I50128, I50133,  AF260572, AR074141, AR066488,  AR016514, AR066482, AR060138, A45456,  A26615, AR052274, AR054175, AR074545,  AB012117, AX015396, AR074139, Y09669,  AR066490, A43192, A43190, AR038669,  AR066487, AR074136, U46128, AR016691,  AR016690, I18367, AJ287395, A85396,  D88507, I14842, A44171, AR088705,  AX042372, AF135125, D50010, A85477,  I19525, A86792, A63261, X93549,  AK000257, A70867, AR008408, AR091537,  AX014811, AR062872, AR093385, D13509,  A64136, A68321, AR060133, I79511,  AF123263, AK026038, AK000793,  AR032065, AX025493, AL133062, and  U80735. </p>
--	--	--	--	---

HBAGH64	180	801884	1 - 1704	15 - 1718	AA418617, BE018485, AI658681, BE466145, AI806836, AI653272, AA004211, BF970406, BE302094, H10330, AA594901, W03931, AW953290, AI580148, AA506350, AI804211, BF589715, R61309, AA721162, AI810310, N62384, AI669907, AI342168, AA452114, AW022528, AI262137, AI264925, AA680147, H10331, AW275301, AA765972, N79353, AA350799, AA485210, C15277, AI867727, BF086698, AI474438, AA093047, D60782, AI129224, AI535847, AA350798, AA897480, and AV714899.
HBAGV01	181	862000	1 - 408	15 - 422	AW272267, BE535679, AI984059, AI675054, F20528, AI470603, AC068151, AC068151, AC068151, AC010333, AC010333, and AC010333.
HBAMC50	182	877577	1 - 2220	15 - 2234	AC019216, AC019216, AC016201, and AC016201.
HBAMC57	183	608189	1 - 293	15 - 307	BF107445, AI283755, AL356244, AC021035, AC021035, AC016745, AC016745, AC016767, AC016767, AC016767, AC021029, AC021029, AC021029, AC016424, and AC016424.
HBBBA42	184	841010	1 - 1744	15 - 1758	AL533924, AL526520, AV726546, BF966887, BF218062, AA743107, BE888537, AV714517, AI057577, AV752140, AV716598, AV710532, BE878693, AV716036, BE962060, BE966331, BE882059, BF207637, AV722977, AV703746, BE047300, AW131478, BE617594, BF033541, AW150870, AA843907, BE616933, AW976418, BE882011, BE613767, BF033375, BF966230, BE677188, AW058604, BE971392, BE878403, AW965471, AA805743, AI802386, AV753593, AA129300, BG151522, AI703497, AI972411, BG169662, AI813381, AW262905, AI378956, AA843111, BE138908, AW103388, BG025124, BF348549, BF676381, BE550818, BE350759, BF672335, BF215482, AA706310, BE617091, AA932912, AI291412, AI628348, AI475943, AW474798, AI963276, AI123050, AA213765, AI956050, BE614633, AI491877, AV733199, AI719281, AA587471, BF216598, AA043390, AI347588, BF687718, BF196083, BF696446, N35701, BE065271, N21234, AA490529, AA314393, AI123498, AA947501, AI342758, N69513, AI241195, BE568258, AA588544, N46837, BE167778, BE566971, BE539032, BE897954, BF679384, BE242417, AA157014, AA662687, AA844513, AI299272, AI636378, H97173, BE939605, T63352, AA743140, AI692905, AI273073, AW517764, BF438947, AI473201, AA017285, BF221581, AI440270, BF093849, AA604634, BE567541, AA129265, BF439008, BF031010, AW674254, H85318, BE960830, AA890260, AV724404, AW235970, AW444825, AI264952, N27513, AA213837, AV656135, AI525304, AV652218, BG058352, AW195029, AI245588, AA043391,

					AW888353, AI025950, AA017249, AW104900, AA013203, AW075288, BF665773, BE961990, H01621, AA961361, BF218777, AW771869, AA853389, AA732018, BF700294, AW172454, AW631191, AV694374, AA678656, AA404444, BF031228, AW608979, AW237294, AV764262, AA862332, R41632, R24599, T31776, AI784406, AI219495, R48970, AV734210, AV742414, AI696390, AV754175, BF054988, BE243070, H85561, R78908, AW190360, R15181, AA043208, AW469038, BF247836, R57483, R79007, T36119, H01515, AA879189, C00377, BE939596, R24501, R34436, BF028843, T63676, AA370012, AV739441, AA443415, N47156, BF229896, Z45258, AA126596, BE762451, AA090640, AL133580, AL163853, AF115778, AB015335, AA090704, AC011079, and AC048378.
HBBBB08	185	736014	1 - 1042	15 - 1056	AW971745, AW972092, AW968355, AW968356, AW972093, AW968729, AW972091, AW971740, BE622828, BE612945, BE613136, BE622931, AI432655, BE613349, AI432644, AI623302, BE613070, AW969229, AI431310, AL134524, AW972090, BE621911, BE622868, AI431230, AI432653, AI432654, BE614307, AW081103, BE614237, AI431328, AI431312, AI432677, BE672759, AI431351, BE620742, AI431353, AI431347, AW858522, AI432650, BF448552, AI431354, AI432661, AI432675, BE672745, AI431337, AI431323, BE618811, AI431307, AI431316, BE672732, AI492519, AW128900, BE614451, BE672719, AI432651, AI432647, AI432674, AI432666, AI431330, AI431238, AI431243, BE672767, BE672748, AI431248, AI432649, AI432672, AI432665, AI431255, BE672742, AI431254, AI791349, BF589777, AI431357, AI432662, AI431345, BE672774, AW601637, AI431241, AI431346, AX030435, AR080280, AX030436, Y17793, AR035224, AF064854, AF019249, AR093392, AR091518, AX009487, AR093384, I85513, AR009152, AR009151, AR027099, AR093383, AR071207, AB026436, AL133074, AL133053, AL133049, AL133076, AL122101, and AL133068.
HBBBE83	186	838591	1 - 456	15 - 470	H30810, H30728, AI431323, AI432666, AI431307, AI432644, AI431316, AL042853, AL040207, AL042515, AL042787, AI623302, AI432653, AI431238, AL043321, AL042729, AL042508, AL042655, AW858522, AL042488, AL043091, AI432656, AL045891, AL135012, AL046356, BE672622, AL042533, AL042832, AL047611, AL515375, AL042842, AL043166, AL042931, AL047675, AL043089, AI431315, AL042745, AL047092, AL047163, AW968355, AW081103, AI431321, AL043295, BE672759, AI431235, BE672718,

					AL045327, AI431246, AI432654, BE672627, AL042802, AI432650, AL042741, AC005041, AX030435, AL133076, AL133074, AL133049, Y17793, AL133053, AL133065, R15091, R43135, R43135, R70769, R70820, H38754, R84848, N34309, N34806, N44198, N50697, N50704, N52085, N55027, N62711, N78432, W04710, W31812, W63804, AA013253, AA013280, AA018847, AA019668, AA053428, AA054566, AA054626, AA056245, AA056292, AA058982, AA243380, AA252602, AA280843, AA281048, AA454924, AA455312, AA465094, AA465119, AA586551, AA570309, AA744696, AA830381, AA830390, AA953549, AA971118, AA974215, AA053097, D12415, AA706416, AA843598, AA909224, AI023360, AI038234, AI038424, and AI080411.
HBBMA11	187	787308	1 - 918	15 - 932	AI687282, AI559670, AC002525, and AL137143.
HBCAK10	188	810227	1 - 1939	15 - 1953	AW182452, BE250716, AI890424, AI640157, AW474326, AW130973, AI056660, AW150989, AI288965, AA242985, AW793562, BE250569, BE465736, AI744015, R06846, AI651429, AI636121, AA251971, AV650220, M91487, AI985781, R02003, R06845, AW363115, BG037194, and C01117.
HBCAK80	189	840585	1 - 994	15 - 1008	BF980156, BF674028, BF037396, AI827976, BE855673, AA122240, AV729165, AV729457, AW300253, BF196634, AA135573, N36519, AW410901, AI762869, AA135511, AI880537, AI085939, AA705100, AW088128, BE206370, BF836005, BG003693, AW136728, AW821580, AI281972, AI830500, N24943, AI906385, AV729280, AW411073, AA513331, AI718459, H28369, AW614334, AI095471, AA569826, AI364978, AI274978, BF836024, R81927, AI087085, N26135, N35045, N35524, BF836018, AI148221, AI628576, AA708712, BF838271, AW591320, AA115943, W27472, R81822, AW519187, H28882, AA398892, AI948784, C18639, AW372337, R51352, H13614, AW237761, H13481, AI139410, AI984811, H27676, AW271276, R70991, AU158069, AL120047, H04671, N33820, BG014002, N67646, R67033, BE833606, AI263016, H17503, H25341, BE350526, R64055, AW591389, R50101, H27677, BF332914, H28883, H26926, AI587366, AA322603, AA402183, AA295770, BE019815, AI635773, AI905178, H26920, AI628989, AI269612, BE791414, AW905503, AI951421, R85998, BF328512, R65656, BF364526, W01095, AI765226, BF944253, BF328499, AA708859, R52137, AW905501, BF364532, R63953, BF332907, BF332911, AI990599, H27825, BF332891, BF332899, BF332912, BF332909, BF332889, BF332888,

					BE740283, BF332886, AA369282, BF332905, BF332896, BF944319, AW905502, R50100, D63234, BF332906, H13244, AW439021, AW905505, BF364516, R31254, N45055, AL119516, R83769, BF364530, AA045140, BF332894, H28394, AA932600, R41777, BF364507, BF364514, BE936300, BF332893, BF364515, BF364533, BF332915, AW148440, AA045360, AI948668, BF090240, AW882821, BE001579, BF364506, R31196, AI880161, BF839386, BF357791, BF995070, BF364509, BF330945, AW371382, AV725442, AW749956, AW834763, AF218006, AK023674, AC064852, and AC073254.
HBCAQ48	190	525002	1 - 407	15 - 421	BE256875, BE396065, AW962240, BF341135, BE255603, BE279559, BE395916, BE257892, BF801910, BF347643, BE902725, AL514656, AL514630, BE272444, BF530222, BF568631, BE255314, BE620233, BE733233, BE885199, BG169667, BE297664, BE733249, BE732174, BE019874, BG114680, BE256319, AV697143, BE253762, BF303839, BE271968, BF684266, BF684779, BE272077, BF980642, AA326808, BE281078, AI751432, BE887497, AL536378, BF853540, BF816956, BE719362, AA366533, BG119570, BG171083, BF308912, BF343027, BE279612, BF314354, AA115980, BF317248, BF923458, BE542798, BF339840, AW404811, BE382805, AA159105, BF206383, BF932268, R17159, AW960079, AA356829, AA078892, BF854500, AA171866, AW068490, AF069733, AK000228, AL117487, AC026685, AC026685, AC018809, AC018809, AC018829, AC018829, AC011610, and AC011610.
HBCAY17	191	801885	1 - 1072	15 - 1086	AV706681, AA476916, AI493883, AI871168, BF513825, AI360093, AI167767, AI061121, AI421346, AI086735, AA236376, AI498914, T23477, AA477026, R43982, H10040, AA236377, H78174, BG057842, AW972915, Z40753, AA887091, AW802178, AA677504, BF901476, AA541412, R36912, BF339369, R49254, BF895794, H78173, H10094, AL514473, AL514155, AL514087, AL513553, AL513977, AL514721, AI583065, AL513597, AI678989, AL513783, AL513979, AI590021, BF970652, AI689175, AI873644, AL514455, AW079859, AW084117, AL514025, AI921176, AL513951, BG108268, AL513999, BG260144, AL514623, AI249877, AL514015, AI744525, AL514357, AI611743, AI677796, AI637584, AL514063, AL513631, BE965169, AL514867, AI863382, AI633125, AI919534, AL514627, AI589273, AI539687, AL514047, AI520785, AL515413, AI889376, AL514089, AW005614, AI476478, AI677646, AI679214, AA449768, AW198090, AW169001, AL514493, AI621362, AI826225, AI811344, BE965732, AI432030, AI498067, AI627988,



09950083.091201

				<p> AL513713, AA502794, AI680539,  AW149311, BE784201, AI916419,  AW151893, AI573032, AW130134,  BF039003, BE964726, AI628833, AI274785,  AI909697, AI696612, AI654750, AI828367,  AI469532, BF724894, AI922561, AI570989,  AI969567, AL515235, AW104724, AI619691,  AL513829, AW129722, AI922676, AI687065,  AW193231, AI951868, AI922707, AL515191,  AI860783, AI805638, AW152182,  AW192652, AL513817, AI475451, AI249962,  BE966278, AI812107, AI659334, BG109600,  AI872184, AA835801, AW172723,  AW087455, AI347701, AI610115, AL513743,  AW148408, AI670009, AL513577, AI679098,  AL514701, AL514691, AL515195, AI758583,  BE963589, AW129698, AL514791, AI653537,  AI433157, AI702073, AI568865, BE964209,  AL513693, AI687362, AW130681, BF812961,  AW082040, AI591228, AI653979,  AW192288, AI921464, AI921248, AL514919,  AW075305, AI312542, AI884469, AI890223,  BG165896, AI499285, AW104827,  AL514035, AL513907, AW079119, AI699862,  BE967261, AI885520, AI376180, AW151714,  AL514689, AW132056, AW192712,  BF338233, BE964070, AI870192, AI816010,  AI564723, AI682652, AI280637, AI860045,  AI802542, AI554821, AW169653, AI564719,  AI637748, AI690312, AI804585, AI700146,  AL513947, AI612852, AI453328, AI569523,  AI925502, AI522052, AL514409, AW090736,  AW079159, BF680133, AW169790,  AI286256, AI247005, BE966180, AI922577,  BE965449, AW243886, BG025667, AI570909,  AI499131, AW963492, AW002174,  AI355849, BF812960, AI581413, BF791791,  AW129230, AI446606, AW192042,  AI619751, AI888501, BF792928, BE966487,  AL514093, AW088043, BE963810,  AW083189, AL037454, AI699011, AI445663,  AW168373, AI497733, AI669616, BG036614,  AF217966, AF130105, X65873, AK025254,  AL162083, AL050149, AF056191, AF230496,  AK000418, AK026947, AF000145,  AL359941, AF183393, AF118070, I48978,  AL157431, AJ012755, I89947, AK000450,  AL137271, AL389939, E03348, AK027182,  A08916, AK027204, A08913, AK026532,  AK024538, AL133665, AL122098,  AL353940, AK026593, A08910, AK026408,  A08909, AL049382, Z82022, AF153205,  AL110221, AF061981, AL137488, AL049938,  AB047904, AF067790, AF119875, AK026855,  AF119337, AF113689, AF119878, AK026045,  AF031147, AL359618, S79832, AF022363,  I89931, Y11587, Y10936, I33392, AB050533,  AK000247, AR038854, AF162270,  AR087170, AF017152, AF125948, AF158248,  AL050366, AF090934, AK025339, </p>
--	--	--	--	---

					AB048919, AX040974, AR059958, AL122123, AF116688, A77033, A77035, AR000496, U39656, AK027160, AF119857, AF116631, AK025465, AL389982, AF314091, AK026533, AF130092, AF090900, AK025772, AL122045, A08912, AB034701, A65341, AL137478, AF113222, AF090903, AF139986, AL137476, I48979, AL137556, A18777, AL162003, A08908, L30117, A93350, U96683, AB050431, AX010492, AF090901, X93495, AF032666, AF104032, A21103, AF113019, AK026504, AL049430, Y11254, AK026057, AF119865, AF155148, AF091084, AK026464, AF113677, E03349, AK025414, AK026630, S78214, AF111112, AF130104, AK024588, E05822, AJ299431, AL080154, AL133557, AL117649, AF116649, I09499, AF130077, AF113676, AL080074, AL080137, AL080148, AL137527, AL137463, L19437, AL049452, AB050534, AK000636, AL359583, AK000250, A45787, AF116639, AX019230, AC005992, AL389978, AK026642, AL137560, AL137550, AR070212, AL050155, AK027164, X84990, L31396, AF185576, AF208026, AL050092, L31397, X53587, AL050172, AK027096, AF067728, AX042059, AB041801, AK000137, AK000647, AK025798, AL359601, AL137529, E15569, AK026452, AK025524, AL122118, AF271350, AL080060, AL122110, AF119894, AB048953, E06743, AL080159, AF166267, AF143723, AF130100, AL353957, AF177336, AK026885, AK027193, AL137538, AK025632, AF026124, AK000486, AL117440, S68736, AF116682, AK026551, AL050138, AL117432, AX019229, AL389935, AK000652, I26207, Y16645, U67958, AL110196, AF118090, AF225424, AL359596, AK025209, AF217987, AB048954, AB048974, AL122100, AL133075, AF061795, AK025312, AF151685, AF260566, AK025484, AL137294, U35846, AF079765, AF061573, AK000718, AL050277, AF003737, AK027113, AL133067, AF130055, E02253, AL133645, U58996, AF210052, AL117416, Y14314, AF113691, AF113013, I00734, AL137480, AX026824, AX026823, A58524, A58523, AC062010, AC062010, AL008718, AL008718, and AL008718.
HBCGE46	192	658669	1 - 1024	15 - 1038	AL022168, and AL050309.
HBGBA14	193	838123	1 - 751	15 - 765	AA523881, BF902063, AA524036, AI683694, BE620592, AI688317, AW612950, AW075896, BE620052, AI858933, AI394309, AW205191, BF197492, AI434019, AW151530, AA128407, AW973472, AI582008, AW571727, AI371369, BE794101, BE798086, AW512224, AI674185, AI683559, AA291456, AI636139, BE043958, AA554717, BE910647, BE263650, AI918634, BF849476, BF055737, BG026746, AI886022, BE874716,

				<p> AW162071, BG251478, BG168549,  BF970449, N80094, BF827575, BE964497,  BF910810, BF752252, BF883916, BF344652,  AI364788, AI308032, AV729336, BE544111,  AI344785, BE047852, BG164371, BF812933,  BG031815, BF341801, BE048071, BG120816,  BG180034, AL042628, BF338723, BE876033,  BF038131, BE047737, BF814420, AI344933,  BG249582, AI269862, BF750885, AI344928,  BE785868, BE874133, AW827276,  BG168696, BE047952, BE880182, AI611348,  BF814335, AW827289, BF032768, BE048098,  BF339322, BG260037, BE672647, AV743962,  AI494201, AI909696, AW022682, BF904180,  BF792469, BF527014, BG110517, BG032208,  AI537677, AL514929, BE887488, BE904178,  AI561299, AI335411, AI866002, AV702932,  BF904265, BE965355, BG026428, BE963035,  AL045266, BF816455, AW268220,  BE907151, BF792494, BE963918, BE964512,  AI636719, BF885675, BE620444, AL036638,  AW858254, BF910849, AI433976, BG179993,  BF795712, AW269097, AV741327,  BG257535, BG036846, AI620284, AV681668,  BG251840, BF814525, AI439762, AL045500,  AI433157, BG252929, BE894455, BF970768,  AW403717, AI539771, BE905856, BE877769,  AA640779, AA508692, AV655250,  BG029667, BE875407, BE910373, BE885048,  BF339594, BE622183, AI500659, AW102785,  AW103893, AI572892, AI500523, BF812438,  BE870874, BE045182, BF822127, BE965067,  AI582932, AW673679, BE964812, AI284517,  BF885080, AI498579, AV729649, BE783752,  BF032868, BG112879, AI310332, AI801325,  BF725863, AI349614, AV654624, BE885490,  AW082040, AL120853, BG168185,  AW238730, BF904189, AI919345, AA613907,  AI500706, AI491776, AI445237, AW151138,  AI521560, AI889189, AI500662, AI284509,  AI866573, BG256592, BG030364, AI633493,  AI434256, AW152469, BE964767, AI888661,  BE895585, AI284513, BG113299, AI888118,  BE965432, BE910703, AI539028, AL036403,  AI866510, AW302992, BF038804,  AW834325, BG181012, BE965192, AI433037,  BF526020, AL045163, AI613017, BF968205,  BF904244, BF971016, BF812938, BG250190,  BF726297, AI537273, AW827206, AA427700,  AL047763, BF343363, AI285826, AL119791,  BE966699, AV652617, AW858243,  BE885353, AW087445, BG113385,  BG109847, AL043981, AI572418, BF817926,  BF812960, AI866608, BG110684, BE172767,  AV746964, BE966388, AI349598, AI343059,  AI696626, AI554821, AF116602, AF113019,  AK024538, AL389978, A08916, AL162062,  I89947, A08913, A08910, A08909, I48978,  AF113676, S68736, AB052200, AX019230,  AK000647, AX005848, AX005804, </p>
--	--	--	--	---

0995008-09101

				<p>AR011880, AK027164, AK026642, AL133568, AL080060, AL110280, AF158248, AL133113, AX019229, AL133080, I89931, AR070212, AF116644, I48979, AF183393, U67958, AR087170, AL049314, Z82022, AK025491, AK027113, AL133093, AK026855, AF090900, AK000618, AL049430, AL137283, AF097996, AX046603, AL162006, AJ238278, AK026534, AL117435, AL050024, AL122050, AF130100, AL117583, AF111847, AF177401, X93495, AF061943, AF116631, AF130077, AL390167, A03736, AF130099, E03348, AB041801, AK026583, AL133640, AF111851, AF116639, AK027213, AL133075, AK000718, AF146568, AL122093, AL050092, AL049452, AF119875, I33392, AL133557, AL359601, AL137463, A12297, AL133565, AL122110, X72889, AL162008, AL049283, AK000486, AF113013, U80742, AB019565, AK024524, AF113694, E07361, AL049464, AK025084, AF130075, AF116649, AB051158, AF116688, AB048953, AL110196, AL050172, AF207829, AF026124, AL359615, AL080124, I26207, AL137527, U35846, AK026865, X63574, AK000391, AR083266, AK024588, AF090943, AK025906, S78214, AK026784, AL050277, X84990, AK026532, AL137521, AL122121, AK026408, AF078844, X96540, AF113690, A93016, AF113689, AK027096, AL049938, Y11587, AK026045, AF130092, AK027204, AR059958, AL137538, AL133016, AF130082, AB049758, AL050146, AK025484, AL442082, X65873, AF271350, AF155148, AF104032, AL133104, AK026086, AF118064, AB048964, AF118070, AK000432, AF218014, AK000137, AL049382, AL359596, AK025414, AF219137, AL117585, AL117457, AR079032, AF125949, AX006092, AL050108, AL157431, AL133014, U72620, AL122123, AF090934, AL137560, AF113691, E07108, AK025254, AF125948, AF079765, AF119883, AB052191, X82434, AK026542, AF119899, AK026597, AB047615, AK026959, AL359583, AK025209, AK025092, AK025798, AF017152, AL050149, AL110225, AX027129, AF111112, AL133072, AJ012755, AK000652, U00763, AF091084, I03321, AL162083, AF130066, AK026592, AK026526, Y16645, AF118094, AL137557, AK025967, AF119878, AF113699, AK027116, AK025958, AJ242859, AF260566, AK026630, AK025632, U96683, AL050116, AK026927, AK025772, AK026593, AF090896, AL050393, U42766, AF314091, AF116691, AL049466, AF017437, AF113677, AK026480, Y11254, AL080159, AF119865, AF119871, AL137459, AB048954, AF116654, AL117460, AL122098, AF175983, AF116646, L31396, AL080137, AF056191, L31397, AF106862, A08912, AB034701,</p>
--	--	--	--	--

					AX026824, AC009524, AC016327, AC022231, AL359092, AC009453, AC016327, AC016327, AC048342, AC048342, and AC023242.
HBGBE75	194	897455	1 - 654	15 - 668	AL536280, AI955231, BG179057, AI206079, AW026331, AW024669, BE855489, AI970941, AI857681, BF847974, AI094928, W72349, AL522889, AA993576, BE312771, AI151201, AL522888, AA976654, AL529918, AI279251, AI298126, AI206570, AI970732, BE559854, AA827346, AI690486, AL529917, AA629364, AA565249, N21610, AW083823, BE797633, AW627603, BE900971, BE733200, AW572696, BF967854, AA219179, AA947014, AA872651, AL536279, AW963383, BE328453, BE798277, BF058075, BG248588, H11095, AA652504, R01128, AA652632, AA629373, AW130920, AA483793, AA757756, BG177985, BF314862, N24852, AA371908, BE267402, BF972913, BF847905, BF342795, BF683458, AA923072, AA658547, BE408165, W73999, AA505979, AA902241, AA878186, AI207999, R47466, AW630874, BG036991, BE264162, R53032, BE910594, BG164224, AA678984, BF699722, BE675006, AW273692, AA190207, BE781324, BF913852, AI581834, AW009129, AI865334, BE407272, AW975618, AI298127, AW949645, AV724520, BE716540, AW964468, C14331, C14429, AW965158, AW753053, AV718692, AW973541, AV718489, AW752082, AW177440, AV720791, AV699550, AV701335, AV718707, AV701043, AV701332, AV701017, AV701248, AV701431, AV701125, AV742001, AV701166, AV701149, T03269, AV701004, AV701357, AW966389, AW966053, AW973470, AV719468, AW966029, AW966065, AW960465, AW973334, AW966531, AW178893, AW978634, AW966534, AW966560, AW966330, D58283, AW966022, AW959799, AW966013, D59467, D59859, AV701443, D80022, AW966041, D80166, AW973474, D80195, AW975621, AW978648, D80193, D59927, D51423, D59619, AW978661, D80210, D51799, AW965163, D80391, D80164, D59275, AW960553, D80240, D80253, AV719822, AW964766, AV744690, AW966054, AV720203, AW964756, AW966050, AV719188, AW973307, D80043, D59787, D80227, AV701154, AW966062, AV719324, AV718440, AV718938, AV719783, AV720028, D59502, AW959597, AV718633, AW959628, AW965177, AV742667, AW975605, AW959570, AW959469, C15076, AV718800, AW973423, AW965185, AW965197, AW973485, AW965184,

					<p>AW973488, AW965175, AV720211, AV718931, AV718844, AV720464, AV719557, AV718770, AV720731, AW973482, AV742430, AV699447, AW958992, AV742048, AW958993, AV722801, AV723927, AW959136, AW956397, AW959062, AW964477, AW956434, AW964488, AW949641, AW962082, D81030, AW949656, AW949654, AV699927, AW949642, AW966075, AW959202, AV742022, D80212, D80196, D80188, AW179328, D80219, AW975613, AW964737, AW959582, AV720533, AW960473, AW965196, AV720878, C14389, D80269, D57483, D80038, D80366, AA305409, AF077039, AF034790, AJ005895, AF196971, AF207550, AC048352, AR069088, AF106621, A62300, A62298, AX047062, Y17188, A84916, AX047063, AX047064, AR018138, X82626, AR070327, AJ302649, AX033851, AX020191, A67220, D89785, AX027925, A78862, D34614, D26022, D88547, AJ132110, AX021518, X67155, AX035434, AX020190, A25909, AR025207, AX028130, A82595, AF260572, AR087649, AR008278, Y12724, AF058696, Y17187, AR074545, AB012117, AB028859, AX015396, AJ294956, AJ287395, A85396, AR074141, AR066482, A44171, AR088705, AX042372, A94995, A85477, I19525, A86792, X93549, AR008443, A30438, I50126, I50132, I50128, I50133, AR066488, D88507, I18367, AR016514, D50010, AR060138, A45456, A26615, AR052274, Y09669, AR060385, AB002449, AR066487, AR074136, AR074139, A43192, A43190, AR038669, AR066490, U79457, D13509, AF135125, AR008408, AX035429, AX035428, AR060133, AX035426, A63261, AR016691, AR016690, U46128, A70867, AR093385, AR062872, AB033111, U87247, AR087528, X93535, and AR008382.</p>
HBGBP22	195	703166	1 - 879	15 - 893	<p>BG179123, BE883370, AA151838, BG236025, AI986417, AW001107, AW205228, AI038277, AI130688, BF037593, AW663709, AA770539, AI021930, AI818929, AA757192, AI807176, W02199, AA679973, AA599683, W57937, AA703223, W27247, W57963, AW971190, AA962398, AI240975, AI222035, AI383436, AA126640, N49295, AI278988, AI291904, R53585, AI209098, AA493763, AA987557, AA126496, AA903943, AA627700, N77969, AI625520, AA831128, AW612754, AA917916, BE045416, AA151066, AA628631, AW793972, BF224211, AA856617, BF690623, T67092, R28241, AW615719, R45247, N74011, N49537, H96231, AA448565, H83891, H96764, AI049740, AW168790, AL119399, H18845, BF887597,</p>

					H83747, AA150829, AA449710, AL358572, and AL358572.
HBGFQ34	196	793803	1 - 505	15 - 519	AA809737, AW516225, H01451, BE793390, AW992403, and AC000134.
HBGML95	197	839192	1 - 439	15 - 453	AW954182, H17863, AI567123, AA767653, BF516444, AA993496, BE048283, AI679819, BG236153, AI799706, AI860759, AU151849, AI524226, BE222773, AI884486, AU159279, AU152476, AA421148, AI679243, AI554646, AW168928, BE675568, AA846599, AU159432, AA206837, AW001228, AI889279, BE891997, BG056447, AW193525, AA058367, AA447998, AI923054, W89146, BF032573, AI290066, AI358091, AA576924, AU159050, AL519889, AA599007, AW067953, AA969775, AA700339, AA523949, AA705404, AA652622, AA564967, H61752, AA593588, AW169777, AA402926, AA448141, AI696808, AI249113, AI805502, AU127207, AA887759, AA581976, F10215, T53109, AI277898, AI866503, AI804832, AA350860, AA773851, AW674163, T89112, AW473225, BF510199, T49466, AA887749, H29750, C14005, T61678, AI860478, AW295179, AI658678, AI199183, AI619916, AA527474, AI003564, H61751, BE350002, AI214409, BF437387, BF945929, BF944117, AW188721, BF945905, AA581255, BF943992, AI701266, AA715116, BF743601, W35420, AW087438, AA299510, AW375741, BF945906, AA570117, AA471194, AW959866, BF155226, BF155240, T73430, AI940516, AA548627, BF345148, T53110, BF155241, AI884326, BF115079, BF246171, BF945147, AW238218, AW951512, T29710, AW969585, AW879741, BF805880, BF808578, AK000679, and AK023930.
HBGMT60	198	840586	1 - 401	15 - 415	AI769689, BE675601, AI863005, AI678000, AW189963, AI986207, AW471273, AA317806, AI590161, AI335104, AI469257, AI954604, AW956075, R73463, AA856793, AI651948, AI500040, AI224459, AI217945, AI287290, AI708253, AI553687, BF923901, AI766992, AI399986, BE671802, AW572622, AI868191, AI919161, AI521061, AI424272, R50074, AA653763, AA335980, AA335672, R48744, AI932452, AA505828, H21954, AW196184, BF095230, AI564415, AI281867, AI955487, AI804505, BE909551, N29277, AI811603, AV654529, AI624157, AI802372, AW083730, AA805486, AI560679, AA464646, AW167918, AI690748, AI568060, AI382670, AI370181, AI277008, AI453487, BG107670, AI648408, AI624120, AW090087, AV692108, AI540784, BF339322, AL039086, AW102900, BF055899, AI690536, AW128983, BG032219, AI954293, AV756658, AI275686, AW022682, AI318603, AW366372, BF054877, AI918408, F36033,

09950037-091201

				<p>AL513723, AW083572, AW303152,  AI468959, AI401697, AI811785, AL036652,  AI826225, AI590043, AW073956, AI567115,  AW083489, AI345778, AI582912, BF814521,  AV736995, AI521594, AI634805, AW411043,  BE966699, AI584130, AW078945, AL040586,  BE881363, AI434731, AL042567, AA833760,  BG180034, AV654896, AV704637, AI912297,  AI954504, BG168549, AL040620, AV704109,  AI857241, AW105601, AW089572,  AI590118, BF814072, AA195940, AV702833,  AI868204, AI916419, AV682343, AI630871,  AW130356, BG109478, AW194185,  AW020480, BG001293, AI219380, AI445115,  AI289310, BE897269, AW058233, AI923249,  AW242197, AI494201, AI922075, AI678681,  AI208328, AI624548, AW167448, AI918554,  BE879516, AI819663, AL046466, AI925404,  AW193467, BG255160, AI887775,  AV688427, F36308, AI491710, BF103211,  AW084000, AW827204, AV717299,  AV682144, AI620639, AI656270, AI446405,  AV682124, BF036448, W33163, AI950664,  BE897632, AL118781, BG033267, AI589947,  BE875368, AL515085, AI271234, AW880037,  AI343131, AW021662, AW263804,  AI559484, AI305745, AV696257, AW079336,  BG028116, AW161202, AI889168, AI869377,  BE764656, AW075645, AI817244, BE886773,  AI251221, AI349012, AW827289,  AW075084, AI589261, BE895585, BG026969,  AI310925, AA012905, BE964078, BF872670,  AI312399, AI349937, AW162194, AI918634,  BE047925, BE047737, AV660728, AI688848,  AI540606, AI334884, AI307543, AI336754,  AI345114, AW268293, BE138712, AI345251,  AW088882, AW071412, AI254226,  AI280747, AI307210, AW168503, N29481,  AI307708, AI336513, AI638798, AI312325,  AW071395, AI336662, AV738918, AI500659,  BG115134, AI702301, AI340659, AW071377,  AI311159, BG116399, AA830994, AI348895,  AI252789, AI801556, BE906584, BF315474,  AK026288, AF015416, AL389935,  AB048881, AL050170, AK026631,  AL050092, AF119899, AF013214, E02221,  S79832, AF022363, AK026462, AK025349,  U57715, AK026746, S69510, S54890,  AK026164, AL359615, AK027096, S36676,  AB026995, AK027164, AK026038,  AL133014, U49908, AF178432, AF078844,  AF017437, AF159148, AK024622, AF116691,  AK024524, AB047248, S82852, AK025669,  AF113694, AF130054, AF111851, AF111849,  AK026659, E01314, AF188698, AJ010277,  AL137480, AL122100, AK024545, AF130068,  AL117629, AK024538, AF162270,  AK024594, AF159141, AX046842, A52563,  AK026534, AK026629, I89947, I48978,  AL355719, AF166267, E02349, L13297,</p>
--	--	--	--	---



					AF119856, AL133619, A08913, U42766, AK026506, X53587, AK000418, I89931, AK000137, AL122098, AK025798, AK025113, AL080140, U57352, U72620, A08912, S77771, A08910, A70386, A15345, A08911, AR087170, A08909, AR038969, AF094480, X92070, AK000197, AX011676, E12579, AC004227, AF116631, AR038854, A18777, A08907, AK026597, A08908, AL162062, AF130099, AL389947, AL133062, AK026855, AL137665, AB034701, S76508, I89934, S61953, Y10655, AF117959, AL137557, AF285167, AF120268, AF113222, AK026630, X54971, I09499, AL110171, AF244915, AF218004, AB051158, AL049314, M30514, AF119860, AB048975, AK027144, AR079032, AL137558, U83172, AL442082, AL049426, AL133072, AL389982, AF169154, AF314091, AR050959, X76228, AL133054, X66871, AF067728, AX042059, U92068, AK026353, AF132676, AF061836, AK027173, AK027182, AL389957, AK025491, AF242376, AL110221, AF111847, A12297, AF137367, AL137292, AL110218, U75932, S75997, Y10080, AK025391, AB047930, E15324, AF132730, AL110225, AL137555, AF061943, AF115410, X81464, AC006994, S63521, AK000432, AF051325, AK000212, X52128, AX015425, AB038698, AF125948, AJ012582, AL133010, AL137641, AF119358, U89295, I00734, AL390167, AK027111, AL050015, AL049324, AF116676, AL049464, A07588, AF036941, AL133558, AB048964, AF089818, AB047947, AB033884, AJ242859, U86379, AL122045, E00617, E00717, E00778, AK000391, AF016271, AL137658, AF139986, AL137548, AK000647, X57961, AF055917, AB047904, AK024546, AL137276, AX012188, E02914, X63410, X98066, AY004290, AF119883, AF113019, AF119894, AF130056, AL049300, X79812, AK027129, AX046716, A65336, X62580, AK025099, AF116644, AF069506, AL133081, AF116609, U58996, AB025103, AF116650, AK025407, U77351, AF112208, AB033881, AK026950, AL133557, AB007812, L31396, AK000206, AL137533, U68387, AF015416, AF015416, and AF015416.
HBHAA53	199	603183	1 - 660	15 - 674	AC011462, AC023510, U91321, AC011386, AC011386, AC021201, and AC021201.
HBIAU43	200	840354	1 - 1232	15 - 1246	AI267349, AI371593, AA827978, AL036706, AW769291, AW021774, AI216978, AL138242, AW467323, AW410116, AW502305, AW105737, AL119298, AI311505, AI345900, BF797630, AW502100, BE147093, T48872, AI590459, AA714595, AL045709, BF340148, AI151261, AI254540, AI224184, AI275328, AI251250, AA533408, AI284881, AW268746, BF725504, AI284888,

09950083 091201

				<p>           AW023511, AW673949, AI590522,            AW474052, AI370475, AA909004,            BE147117, W95976, AI591299, BF840433,            AI474085, AW576389, AW675110,            AW473546, AW272763, BG230438,            AL042113, AW512401, AA493508,            BF822289, AI053901, AI638655, BE621677,            AI270768, BF757715, BF792039, AA493713,            AA443426, BF752772, AA493632,            AA493642, AA101689, AW390062,            AI801482, AA121919, AW474160,            AW971241, AA661948, AW872729,            AV730307, BF830771, BE386554, BF797173,            AA384039, AW958600, BE207540,            AI283090, AL134330, AA713674,            AW063470, AA441788, AW301777,            AI344810, AV720230, AW849208, F17700,            BE144026, AW501806, AA652057,            AA649642, BF832275, BF980463,            AW796255, AU150325, AW513362,            AI963856, AA828064, BF679710, AV763583,            AI084012, AA632960, BF693906, AA494038,            AA665330, R27246, AW799325, AV755494,            AV730310, AW799678, AL031587,            AC009123, Z98744, Z99716, AL355305,            Z97198, AC005184, AL158832, AL133391,            AC020663, AC002326, U04709, X56668,            AC007103, AC005725, AL359894,            AC007912, AL049651, AC006017,            AL359272, AC003072, AL031774,            AC006120, AL109801, AC006329,            AL356747, AC012442, AF131216, AP000884,            AL031769, AC007556, AC010494,            AC006291, AC003684, AC004035,            AC005362, AC005669, AL049539,            AC006288, AC011504, AC008456,            AL356415, AC003101, AC011235,            AL139123, AC010977, AC007065,            AC003075, AC006153, AL021393,            AC019155, AP001707, AC006484, AL390023,            AL096814, AC002365, AL139289, AF205588,            AC005751, AC004775, AC004921, U47924,            AL049779, AC005188, AC004647,            AL138808, AL034430, AL033522, AC004552,            AC007051, AC004840, Z93241, AC007919,            AL360272, AL133544, AC005873, AL133258,            AC011460, AC018684, AC004458,            AF024533, AL356115, AL031681, AC007537,            AL133467, AL163203, AC010206, AL163283,            AC018712, AC012599, Z82208, AL109922,            AL031775, AL008708, AL121749, AC008122,            AP000292, AF039905, AP000111, AP000043,            AL135878, AL117693, AL049223, AC019221,            AC018812, AC008518, Z98257, AC002077,            AL160176, AC006316, AL359763,            AC087084, U95741, AL391415, D42052,            AC005145, AC010223, AC006360,            AC005209, AP000350, Z98949, AL354696,            AP001681, AC007001, AC007404, AL034400,            AL078602, AL121891, AC011464,         </p>
--	--	--	--	---

					AC007790, AC021863, AC007899, AC004867, AC005756, Z95113, AC026431, AC000025, AL023801, AC007488, AP000269, AC005542, AP000220, AP000084, AL355095, AL023553, AC006559, AC002044, AL161445, AC005527, AL080286, AC005020, AL445669, Z15025, AL031723, Z69714, AC004750, AC005363, AC007739, AP001753, AC002301, AC004235, AC006064, AC003658, AC010463, AP000103, AC024561, AC004409, AF181896, AC004079, AC004534, AL117350, AL356801, AC008727, AL033523, AC021868, AJ009610, AC010083, Y14768, AC006271, AL117186, AP000105, AP000033, AC005702, AL033381, AL138721, AL049557, AC012039, AL009029, AC019209, AP001060, AC026199, AC008806, AP000505, AL049569, AC016026, AL022320, Z99127, U91321, AL021707, AL161901, AC025920, AC005218, AC015971, AL049635, AC004178, AC024162, AC004174, AB020870, AP000503, AC004984, AC004166, AL360175, AP000347, AL355312, AL031587, and AL031587.
HBIAW58	201	596805	1 - 1496	15 - 1510	AI301719, AI310451, AI301268, AI284640, AI754955, AF330238, AI061313, AW407578, AW327624, AL042853, AI801482, AW969629, AW327868, BF827410, AA579179, AL120343, BF885741, AL120502, BE049095, AV755677, AI281881, AV760777, AW973397, AU144036, AV763290, AI434695, BF681427, AI754253, AI246796, AI307201, AW965008, AV710774, AI669589, AV710770, AL042420, AL048925, AW238583, AW028429, AW439558, AA456976, AL041690, BF991286, AV725431, AW513362, AW965237, AL121235, AI610607, BE389111, AA877817, BG236735, AV730310, BF325535, AI567076, AU145393, AW474160, BE042649, AL046205, AL044940, AW301809, BF592200, AV713243, AV761745, AW265393, AW956704, T06828, AW467362, BF797630, AV762982, BE252421, AW630298, AI254615, BE872393, AW662543, AA587604, AW473467, AI754658, AW080811, AA719292, AV761925, AI355206, AA533333, AV761155, AL119300, AV758600, AL038705, BE502107, AU120295, AI151261, AI889440, AC011489, AL136179, AL121586, AF196779, AP001412, AC005702, AC009470, AC004971, AP000152, AC005190, AL031311, AC004884, AL022315, U62293, AL022302, AC004662, AL161655, AL117333, AC005548, AC007383, AF181897, AC007151, AC005057, AC006536, AC010209, AC011497, AC008569, AL353807, Z82208, AC004825, AC015651, AL023581, AP000501,

09950083-091201

					AL049843, AL157756, AC006139, AC005694, AP001728, AC073593, AC008264, AF168787, AP001670, AC010422, AL031848, AC005821, AL034549, AC005295, AL445493, AC008372, AC004858, AP001717, AC005031, X54178, AL133448, AC005037, AC011895, AC011510, AC006483, U95742, AP000557, AC004638, AL022476, AC006285, AC007091, AC004765, AL121891, AL139382, AP000514, AC006111, AC013429, AC007216, AC004906, AL133480, AL031584, AL157838, AL109897, AC009506, AC007308, AC006486, U85195, U63630, AC009314, AC005052, X54181, AE000658, AC026704, AC007097, AL096700, AC005701, AC022407, AC018751, AC005412, Z97352, AC004929, AC009228, AC026805, AC004448, AC020934, AC005244, AL135745, AL035494, AC011310, AL135927, AL080243, AC026371, AC005200, AC000052, AC083863, AC005699, AL137141, X54175, AC004990, AC087093, AJ003147, AC002075, AC008534, AC005696, AP001727, AP002026, AL021453, AC009516, AL133245, AC005261, AL023575, AC005781, AL161420, Z82976, AC009305, AJ009615, AC005060, AL353194, AC008543, Z86090, AL136223, AC004019, AC008250, AL096861, AC010077, AL139286, AL034420, AC007057, AL158040, AP001748, AC005274, AC005527, AL445248, AC007954, AC005212, AC007688, AC003684, AC004840, AL121601, Z93930, AC011491, AC005529, AL109806, AL159997, AC008770, AP000553, AC007227, AC027644, AC006271, AC007882, AL034405, AP001718, AL121928, AC000134, AP000555, AL359457, AL008730, AL360227, AC010328, AC007999, AL392167, AC009087, AC008812, AC004166, AC002041, Z98749, AC004526, AP000011, AF129756, AC005914, AC005808, AL160313, Z99570, AC008040, AC008403, AC004672, AC006071, AP001711, AC004799, AP001710, AC005015, AL035045, AL358372, AC026199, AC004024, AL450226, AL049760, AC004812, AL137159, AL049757, AC006211, AC002394, AL035423, AJ277557, AP001685, AL121753, AC018897, AL137039, AC008155, AL356421, AL031670, AC005913, AC005229, AL121915, AC024584, AC004217, AC005358, AC002126, AC004816, AJ010770, AC005089, U52111, AL357153, AF064859, AC005519, U63313, AC019046, AL133230, AC060805, AC060805, AP002377, AP002377, AC073107, AC073107, AC073107, and AP002812.
HBIBB20	202	897484	1 - 1245	15 - 1259	AL040502, BF312099, BE378197, BE875599,

					BF528758, AW961051, BF062495, BE278785, BF511000, AI074169, BE301032, BF063302, BE550763, AA534289, AI439151, BF528817, BF568696, AA143267, BE395864, AI968616, AA025730, BE044341, BE644848, AI718363, AW084880, BG033292, BE796737, AA722825, AI374815, AA984833, BF739765, AA932271, AL040501, BG059761, AW952114, AI828209, BG012441, AI042088, AI925709, AI809529, AA514696, AA134803, AI640403, AI074545, R53751, AA134802, AA460484, AW469179, AW137214, AI659329, AI640382, AA233548, AI199232, AI669079, BG222370, T55730, AI003456, AA626289, AW002463, AI670726, AA230095, H43116, BE245940, BF001788, AV748998, BE244555, AA233662, H45702, AW276888, AI141636, AA037073, R40971, R53750, T03319, BF691850, AW080418, AA339051, AW071165, H45753, BG118304, H42344, BF244566, AI278324, BE244793, AA291701, AI884572, BF691075, AA356368, BF055230, AW296941, AI468432, R39383, AA317597, BF221497, R10660, BF690883, AA631213, AW103386, AA922522, AA429477, AA291748, H52665, AI537969, AI979165, BF977743, Z39044, AI918383, BE731727, AI868824, BF570791, F04029, AA455817, R38308, AA233779, BF969955, R51590, T55772, BF976877, BF977581, BE538635, AV743961, R51678, AI560594, AI916442, T31372, AW152063, AA292264, BF691578, AA287135, AA284706, BF894453, BE049333, T32117, BF982580, BF933303, Z42923, BF894452, BE708005, AW966330, C14331, AW964468, AW975618, AW973541, AW973445, AV724520, AW966389, C14429, AV718489, AV718692, AV699550, AW960553, AW959469, AV738340, AW964477, AW956434, AV720203, C14389, AV718681, AW949645, AW949632, AW949643, AV718931, AW964488, AW966075, AW966065, AW949646, AW966378, AW966029, AW975605, D80391, D80253, AW964756, AW966050, D59787, AW959062, AW965196, AW965184, AW959202, AV720791, AW966053, AW973490, AW949631, D80022, AV718770, AV720731, AW966534, AV719783, D59927, D51022, AW960465, D59610, AV720464, AW973473, D80366, AW949633, AW959628, D50995, D80196, D80188, D59859, AW973334, AW966531, AW978634, AW978648, D59467, D58283, AW966022, AW179328, AW959799, AW964532, AW966059, AW966013, AW975613, D51799, AW966041, D80166, AW973474, AW966054, D80195, AV719188, D80227, AW949641, AW966062, AW975621, AV718938, AV718633, AV701004, D51423, D59619,
--	--	--	--	--	--

					AW973485, AW978661, D80210, AW965163, D80164, D59275, D80240, AW966030, AV719822, AV722801, AW973307, D80043, AV719324, AV718440, AV720028, D59502, AW959597, AL021977, AL096879, AL117649, AF161374, AX047063, A62298, AX033851, A84916, AR018138, A62300, AR087649, AR070327, AX047064, AJ302649, Y17188, AF058696, AX027925, AJ132110, AR008278, A82595, AB028859, AX047062, X82626, A30438, AX021518, AX035434, X67155, D26022, Y12724, A25909, AX028130, AX020191, A67220, D89785, A78862, D34614, AX020190, A94995, AR060385, Y17187, AB002449, AR008443, D88547, I50126, I50132, I50128, I50133, X68127, AR066488, AR016514, A45456, U79457, X64588, AR060138, A26615, AR052274, AR025207, AR008277, AR008281, Y09669, AR074139, A43192, A43190, AR038669, AR066487, AR074136, AJ294956, I14842, AR054175, U46128, AR066490, AR016691, AR016690, I18367, A63261, D50010, AF260572, AR091537, AR062872, A70867, AR093385, AR074545, AB012117, AR008408, AX015396, A64136, A68321, I79511, AJ287395, D13509, A85396, AR074141, D88507, AR066482, AR060133, A44171, AR088705, A85477, I19525, A86792, AX042372, X93549, AF123263, AR032065, AR008382, and AA443486.
HBIBF26	203	845743	1 - 2087	15 - 2101	AL519674, AL518564, AL530114, AL524125, AL518563, AL524124, AL519673, BG119582, BE736220, BE734743, BE782619, BF795936, BG248163, BE869185, BE893350, BF435225, BE905414, BG026633, BF033083, BF970046, BE885230, BF692625, BF692541, BE892741, BE393898, BE389940, BG163906, BE313920, BE312030, AI741613, AI762578, AI241474, AI813813, AI922418, AI990378, AA018345, AW631237, AW151233, AI400794, AI420163, BE550276, AI949071, AW963076, AI922430, AA614565, AW051437, AA018346, AA612852, AI000311, AI338519, AI360869, AW613433, AI356485, AW590872, W56183, AA417581, AI214800, AI671156, AA451942, BE242648, AW390145, AA001019, R69763, AI419907, AA768838, AA482598, AI696492, AW473585, AI674961, BE868575, AI247090, H08477, AA576510, BE391031, H06603, AI018102, T56902, W56260, BF372172, AA001020, AI285366, R87304, BF928779, BG152437, AA814595, AI569050, AI239612, H06633, AI623626, R69764, AA971138, H07140, BE856299, AI357631, AI001995, AW243905, R48323, BF003017, H43938, H52166, AA026966, BF988194, W22979, BF372164, H89737, R87305, BF677308, R48432, AA347636, AW080561, AA593837,

					AI459770, T56903, H08759, AW750152, AA876261, AA450330, AW797547, BF508949, BE833483, BF512980, AW300516, BE076134, AA514688, AI476002, AW884714, BF992680, AI568120, AA578364, H89800, BE503792, AA344443, T77366, BF811395, AV699752, BF748071, AW367168, AA450329, BE833631, AW198236, R30662, BG115081, BG115274, AW275152, AA216315, AW821860, AA347637, AW953095, BF088397, AF132949, AL133227, Z55376, and Z55375.
HBIBM33	204	852045	1 - 711	15 - 725	AC016738, and AC016738.
HBIBN67	205	598719	1 - 912	15 - 926	AI064865, BE793250, BF940979, BF435416, BG167256, AW772649, AA760907, AI990392, AI199769, AA456677, AI018375, AW197247, H93335, AA833523, H00842, AW193810, AW014357, R28226, H30802, AA251706, AI242965, H01226, H93839, R28240, R28199, AA603643, AI014969, AW880435, R27952, AX048187, AC025162, AC025162, AC025162, AC027529, AC027529, AC027529, AC034102, AC034102, and AC034102.
HBIBQ69	206	580807	1 - 1234	15 - 1248	H30708, AL048275, AV759632, AW068580, BF875954, AA502532, BF679710, AV764201, R95840, AC009756, AC011451, AC024561, AL162505, U56732, AC020916, AC005086, AC005182, AC006539, AP001752, AL049694, AL049870, AC004166, AL157713, AL034380, AL353706, and AP001726.
HBIBR38	207	612783	1 - 810	15 - 824	AI800957, AI864142, AA449997, AV756491, BF512900, AA825827, AA713946, AI889795, AI889804, AA704393, AW963463, AI282479, AW270385, AW504224, AA714110, AW021917, AW189113, AW502237, BE062478, AA129746, AW975043, AA701080, AI612142, AV762866, AW819125, BF811954, AI888468, BE062476, BE150803, AW023302, AW904850, AW835708, BE158716, AI560085, AI654285, AI583252, BE250197, AI732120, AI312596, AV738383, AC005736, AL157768, AL137784, AP001716, AC005971, AC011465, AC002126, AC010458, Z93023, AP000111, AL109804, AL035704, AP000563, AC006057, AL353807, AC005015, AP001711, AC008569, AL109623, AC011495, AL079335, AL133551, AP000291, AC004408, AC005566, AC011479, AL031427, AC005098, AC000052, AL121752, AC003101, AL132639, AP000113, AP000045, AC009247, AC004216, Z83826, AC009248, AL034420, AC005409, AL023583, AC005778, AC024563, AF243527, AF134726, AC008812, AP001760, AC004150, AC016655, AL022302, AC010419, AC005529, AL031283, AC021752, AL137073, AC004019, AC009244, AL031311, AC006011, AC005513, AC007425, AC008753,

0950083-091201

					AL133163, AP000300, AL031602, AP001627, AL163247, AC002350, AC007386, AP000359, AL035423, AC000120, AC005695, Z85987, AC011455, AC004824, AP001717, AC005225, Z82214, AL391839, AP002898, AC005581, AC004024, L44140, AL117381, AL109797, AC002044, AC004526, AC027319, AC007597, AL021154, AP001710, AC002476, AL163279, AC004263, AC005089, AP000030, AC002563, AL136319, AL035071, AC004602, AC016995, AP001747, AL136137, AF031078, AC005920, AL138680, AC004156, AC007565, AC005520, AC008372, AC000025, AC004166, AP000338, AL161731, AC005527, AL138752, AC012099, AL049643, AC005274, AL137012, AL132825, AC005029, AC009955, AC006111, AD000812, AC008745, AP000216, AC006121, AC015651, AF030876, AC020916, AC005052, AC004971, AL445483, AC004382, AL035404, AL034405, AC002314, AC003043, AC004025, AJ277557, U62293, AC009331, AC008521, AC008264, AC008543, AP000510, AC004813, AL158823, AL031733, AC083871, AP001630, AC002544, U95743, AL049631, AL135744, AF165147, AC004840, AC007664, AL138787, AC005666, AC005586, AD000671, AC006071, AL158040, AC005696, AC009060, AF196779, AC004846, AC021016, AC002316, AP000208, AP000130, AC003104, AL022323, AC016594, AC005393, AF053356, AC009477, AP001714, AC005057, AC005081, AC004559, AC002375, AC007404, AC002429, U85195, AC006312, AC020906, AC010480, AC006088, AP000247, AC007637, AL031664, AC004966, AC008736, AC004883, AE000658, AF165926, AP001752, AC011811, AL135978, AL132855, AC007405, Z98884, AC005324, AC006146, AL022316, AC005261, AL139396, AF067844, AC013429, AC011442, AC010083, AF030453, Z95331, AL117337, AC006211, AL133153, AC002300, AC005099, AL034372, AC005080, AF107258, AC002059, AL050318, AP001053, AC011452, AP000212, AP000134, AP000117, AC004707, AC006254, AC004757, AC018738, AC008155, AL049569, and AC007686.
HBIBR61	208	824258	1 - 2192	15 - 2206	AU120948, BF530058, AW970203, AU146875, AV721313, BF877868, AW964743, AA534487, AA515017, BF108779, BF675408, AW452824, R88657, AA082670, H28144, BF944759, H29064, R88658, AA729228, H30613, AA326542, H29167, T15707, R85336, R85335, BF378118, R25826, R46824, BF439781, BF950579, AA598665, AA339360, AI276885, R53946,



					T16436, AA678140, T05145, T31611, AW952509, H22584, T17355, T17310, H20769, BF963057, AA862796, H30420, H39658, AB007871, AC026161, AC034186, AC026161, AC026161, AC026161, AC034186, AC034186, AC022070, and AC022070.
HBIBS33	209	590280	1 - 1407	15 - 1421	AI111171, AA658101, AI863180, AI811076, AA452879, N55560, AI261932, AC004839, AK025206, AC004839, and AC004839.
HBIBT13	210	608320	1 - 616	15 - 630	AL023656, AL356958, and AL023656.
HBIBZ20	211	688861	1 - 1394	15 - 1408	AU130622, BF894349, BF894387, AU129896, AJ006266, AK001585, AK001538, AL160471, AL160471, AL160471, AL352982, AL352982, and AL352982.
HBICB80	212	637516	1 - 771	15 - 785	BE794266, BE733056, BE795373, BF968344, BF206581, BF342354, BE897893, BE407957, AW245467, BE537419, AW250024, BG024362, BE563290, AW732049, BG031924, AL524830, BF670077, BE539026, BF671108, BG116499, BE312539, BE879384, AW245825, BE251000, AW249421, AA315377, AW732087, R25080, BF958045, AI056463, R15290, H21214, F23536, AA195980, BF981767, BF980462, H91907, R42196, AW603753, F28242, R45419, R54946, AA594148, AA081592, F37687, BF673970, AA593184, R51054, AA406204, AL524829, AI276310, AI559863, AI915243, AI866465, AI688848, AW168564, AV712254, AW328383, AI887775, AA838230, AI687054, AI634731, BF346243, BG029829, BE897632, AA693331, AI682749, AI918408, AI915295, AI446301, BE966533, AW963264, AW024793, BF725168, W33163, AI952584, AI371228, AW263804, AI469681, AI364795, BG058217, AA019646, AW058279, AW079432, AA835966, AI918554, AA804786, AW028196, AI446405, AI571861, AA811406, AA497014, R69938, AW020592, BF904180, AV711541, AI539661, BF971462, AW129929, AV725001, AW022494, AI950664, AW020288, AI912333, AW089275, AI682861, AW117355, AI582912, BF725463, AI689420, F36859, BE764656, AI499104, AW167327, AI571980, AA575874, AV660831, AI416961, AI583423, AI813986, AI627714, AW051107, AI364926, AW104108, AL513593, AW130168, BG180468, AI886355, AW007414, AI624510, BE964323, AW104713, AI921236, BF038804, AI572071, AI560625, AI147725, AI926593, AI915701, AI635926, AI859644, AI804505, BF750927, AI469516, AW190297, BF753023, BE964497, AI565932, AI784214, AI679196, AI688847, AL041230, AW118001, F37364, BE886827, AW192052, BE620289, AW020419, AA088789, N36182, AW193843, AW084151, AI925402, AI868204, AI702301, AI471429, AI680326, BE883591, AA808175,

				AV681880, AI567351, AI612885, BE884971, AA159060, BG167120, AW073697, AW007955, R41605, AW953997, AI540606, AI334884, AI307543, AW089572, AI537516, AI345114, BE138712, AI345251, AV685966, AW071412, AI254226, AV708768, AI307210, BF814072, AI307708, N98597, AI336513, AI500659, AI312325, AW071395, AI336662, AV738918, AI345156, BG001293, AW083572, AI699857, AI340659, AW071377, AI311159, AI680418, AI348895, AI313320, AI468959, T99953, AI446597, AI336495, AI340644, BE138684, AV737782, AI345639, AI313352, AI310920, AA804877, AI307503, AL036988, AW950220, AV736474, AA627473, AI334930, AI309443, BF531010, AI345562, AV744972, AI133489, AI307520, AW132056, AI886206, AI955587, AW024425, AI336585, AI345026, AI307454, AI805688, BE965169, AW827206, AI445237, AI349266, AI340664, AI334452, AC005329, X65020, AL137665, AK026164, U77594, AL161802, AJ004832, AF159141, X63574, E15569, U00686, AF040751, I17544, X54971, AL442082, S69510, L19437, AJ012582, S68736, Y11435, AF137367, AR068466, AF117959, L13297, E12580, AF108357, U35846, AK025391, E01812, AF114168, E08631, AK025375, AF185614, AL389935, AB019565, U72620, AL157464, X52128, AL080162, AL050310, AK027081, AF119856, AL359620, AL031346, AL157480, AJ301634, AK026784, A08913, AF017790, AX015416, AL359623, AK024545, AR081734, A52563, I89931, AF038847, AF217989, A08912, S77771, U36585, A08910, A08911, AR087170, AF130104, A08909, AF026008, AL161953, E12579, AL122098, X99717, AR038854, AX045159, A18777, A08907, U92992, A08908, E02253, AK026571, AF116644, AL353938, AF188698, AL137547, AK000391, S76508, I89934, AF266204, A07588, AJ238278, AB044390, AK024747, AK027188, U57352, Y14634, AF119358, AF008439, M92439, AC009364, AK026542, AL162008, AK026651, AL080110, AK000421, AX020124, AK000598, I00734, I48978, X97332, X63410, AL049464, AB050510, AX014095, AF229585, AF116654, AK025541, AK024855, X65873, AF151109, E00617, E00717, E00778, AL110228, AF178432, S53987, AK026583, AL137521, I41145, AL133093, AK026649, AF130075, X70685, AK026522, AK026541, AF116650, AK000247, AF218033, AL355713, AK000212, AK027146, AF098162, X92070, AK027142, AF085809, Y00093, AR053103, AF119336, AK026057, AK026590, L31396, AF056191, L31397, Y08769, AF111112, AF155148, E02914, AK000450, S75997,
--	--	--	--	--

09950083 091201

					AK026629, AF262032, AF218031, AK026642, AF119860, AB038698, AF118558, U68387, AK000753, AK026855, AL035458, AC018643, AK026462, AK024622, AF061573, AL137276, AL110171, Y10655, AF012536, AJ001838, I89947, AK026870, AK026353, AF051325, M30514, E01314, I36502, AK025782, AK000197, AF113676, AL137558, AL359615, AL137656, AF010191, A90832, AF035161, I89944, AL136984, AK027193, AR072729, AF119337, AF151076, AF166267, X75295, AK025669, AK025119, AK025491, AK026746, Y09972, AR079032, AF217991, X67813, AF040723, AL049452, X62773, AK026556, AK027105, AL133067, AF311287, AK027104, AK000137, AK024601, AL137536, A94751, AF132730, U96683, X57084, U95114, AK000655, AJ010277, AX027129, AF261883, AL117394, S79832, M64936, AF022363, AK026526, AK000647, AL022170, AC068808, AL079293, AK024538, AK026591, AF116691, AF119883, AF113694, AF003737, AL137556, Y16258, and Y16257.
HBJAC40	213	841235	1 - 1753	15 - 1767	BF345048, AW958511, BF530417, BF975837, BE253816, BG250686, BE887472, BF527935, BE263703, BE909332, BF527878, BE881895, BF194837, BF972454, AW025541, AL048612, BF525861, AI859062, BF835934, AI199762, BF955165, AI052782, H12219, BF955173, AW015231, BE379375, AI681619, BF364391, AI379848, AI363268, BF740272, AA703554, R60286, BF955168, R52740, BE258881, AA448130, R90880, W46453, BF090044, R25794, R22673, R52690, H08245, H08001, AA447988, AA912056, AI245669, R36729, AI290546, H07130, M78974, BE179040, T77037, AA070715, H08144, R58852, H38448, Z44633, H49103, W46520, R09542, R85342, AI879032, AI590525, R43378, R90851, T31004, R67310, F13258, BE164925, AA364956, F08103, T32340, BE907755, Z40495, C03430, BF884758, R85671, T35911, T30880, F28188, BF115735, AW161049, AW072139, BF820428, R60889, R60792, AA694126, AI086328, BF961135, AI272235, BE258962, AI363035, F04345, R46793, AA095937, BF952087, F10861, H06622, BF841177, BF925698, AA401578, BF820431, BF945162, BF772214, AA095307, R54673, BE677392, AW027215, AI360330, AF072812, T16940, AL035745, R09655, BF945153, BE081049, BE179106, AA382430, W23297, AW162615, AA946598, AI017807, AI220189, AW002147, R85343, H41244, BF527814, AI863690, AA394215, AW961330, AV652536, AV652547, AW963011, AV654689, AW954779, AW958365, AW954506, AV708498, AW957970, AW950179,

09950083 091201

					AW963847, AV709494, AV725063, AV706850, AV725970, AF131218, AF195661, AC007606, and AC007606.
HBJAV56	214	603529	1 - 767	15 - 781	AI609972, AA502207, AL041375, AI061313, AI053696, AV764259, AI282629, AW265279, AI040051, AA644090, AW301771, AA572813, AL038842, AW576490, BF868994, AI499954, AI537020, AA947265, BE301584, T50676, AW673221, BG230549, BF724838, AA284247, AI114557, BF991208, AI114733, AI133552, AV721426, AA084766, AI619738, AW833047, BE501593, AA669238, AA225406, AW873261, AV762033, AA578621, AW272294, AW516255, AW962006, AV763026, AV763058, AW772848, AA728937, AA599080, AA862243, AA632593, AL046519, BF991881, AA302978, AC006071, AL356801, AL035683, AC027644, AL133405, AC011479, AC004263, AC004983, AC007899, AL049795, AL391821, AL133382, AC006449, AC011465, AF064861, AC004895, AC007450, AC005071, AL121658, AL031432, AC002544, AC005746, AC008764, AC008551, AL136228, AL163279, AL031276, AC020550, AC005821, AC005829, U78027, AP000509, AL121891, AC003043, AL135927, AC007227, AC005326, AC005520, AL109804, AL035422, Z83844, AC008687, AL035071, AC022516, AL355112, AC008155, AC005412, AL118501, D83402, AL049697, AF001549, AB000877, AL121712, D84394, AC008132, AC002978, AL034420, U52111, AC010328, AC004859, AC002310, AC006088, AL049563, AP000689, AC005912, S42653, AC002350, AC003091, AP000555, AC002565, AL138743, AL158040, AC007664, M87914, AL035454, AC004408, AC006345, AC004851, AC008033, AC005874, AF134471, AL357560, AC005261, AC004913, AC011475, AC008474, AC006046, AL133466, AC005667, AL050318, AL049872, AC008521, AL390209, AL021154, AC002369, U91326, AC004033, AC010271, AP000948, AC016995, AL008583, AL118525, AC005047, AP001725, AP000688, AC011495, AL135749, AC007383, AC007774, AL353596, AC006441, AC006333, AP000506, AC013447, D14872, AL022330, AL353807, AC004655, AL133163, AC005790, AC011489, AL009031, AL135787, AC005736, AL033529, AC002492, AL138741, AF240580, AC002326, AJ251973, AC018758, AL034405, AC004985, AC007597, AP000045, AC002316, AC022392, AC005052, AC009060, AC005516, AC004941, AC000385, AC006251, AB014078, AC006312, AC017006, Z98048, AL022313, AL035405,

					AF258547, AC004209, AC006023, AC006530, AJ277662, AF168787, AC004032, AL136418, AL022316, AC018673, AL031230, AC004821, AC004584, AP001691, AL034549, AB000882, AL109743, AF124523, AL049832, U91318, AL109935, AP001752, AP000300, AL109623, AC004622, AL050334, AC005081, AC007683, AL035467, AC004148, AC004828, AC002477, AC005231, AC004858, AC013436, AL136105, AC006329, AL035086, Z97876, AC002352, AL359633, AL050348, AF190464, AC003669, AL050350, AC005841, AL031228, AC011455, Z83840, AC004971, AL121586, AC005004, AL161937, AC007156, AC008736, AL096840, AL031680, AC020908, AC007036, AC005666, AC004500, AC005837, AP000510, AP000514, AL031311, AL133230, AP001717, AP001670, AL035703, AC008264, AC004383, AC004967, AC005409, AC004841, AB022537, AL031658, AC006115, AL121845, AC006211, AC011462, AC009032, AL158141, AC005365, AL136137, AC007371, AC007272, AL050335, AC004882, AC010618, AC067870, AC073227, and AC023109.
HBJAY14	215	626591	1 - 2101	15 - 2115	BF734110.
HJBQ69	216	560602	1 - 1134	15 - 1148	AW976954, AW183526, AI476426, AW078542, AA649170, AA766581, AA766795, AA811992, AW340278, AA649197, BE064077, AK026036, AL365356, and AL365356.
HBJBR40	217	581104	1 - 1117	15 - 1131	AC021036, AC008044, AC007057, AC002302, AC003687, AC002126, AL353140, AC018719, AL050335, AC006505, AC004167, AL354864, AC006487, AL031681, AC004813, AC007114, AD000812, AC009294, AB003151, AC005399, AC004166, AC022149, AP000014, AC020954, AL023575, AL442166, AL109965, AC005971, AL163284, Z84467, Z93930, AC006449, AL133448, AL133551, AP001729, AC010198, AL135839, AC006271, AL121754, AL136137, AP001678, AC006371, AC011479, AC058791, AC004655, AC005098, AC011490, Z98050, AL049780, AC005740, Z82244, Z83822, AL161731, AF001549, Z84486, AL159980, AC011484, AF207550, AP001714, AP001712, AC012502, AC004491, AC005102, AC004797, AL050307, AL160313, AC004263, AL049749, AL109614, AL096775, AC000353, AL080243, AL049636, AC006345, AC011491, AP001726, AL032821, AC010311, AC004531, AC006966, AC004867, AF064860, AC005747, AC008014, AC006536, AC007637, AC015651, AC020629, AL117380,

					AC008738, AP000501, AC006236, AP001732, AL034549, AF195953, AL442064, AC002300, AC005197, AC005179, AC007030, AC006211, AC004878, AL392108, AC011477, AL049843, AL160175, AL031657, AC005291, Z98941, AL352984, AC009333, AC002351, AF168787, Z83826, AP000066, AC009784, AC004887, AL109843, AL023653, AL354816, AP000952, AL157838, AC011462, AC018511, AC007157, AL137100, AL353730, AL136231, AL139343, AL049820, AC003684, U91325, AC007225, AC003049, AL163280, AL079303, AL031846, AC006241, AC005803, AC025588, AL139318, AC002504, AC012085, AC009516, AF003626, AC005081, AC069278, AC021036, AC021036, and AC021039.
HBJCH46	218	609859	1 - 1103	15 - 1117	
HBJCR17	219	847332	1 - 949	15 - 963	AV757367, BG028512, AW964575, BE885732, AI628602, BF434858, AW451824, BF965238, BE883507, BF377201, AI031539, AA903358, BE857325, AV682520, AW614377, BF589277, BF940304, AW020495, AW957230, BF979809, BF110074, BF577331, AI034009, AI189258, AA460689, AA541800, AW168949, BF447019, AI754579, AI127808, AI418375, AI333874, AI692600, BE163452, AI275148, AA779430, AI608748, AI769143, AI094985, AI631810, AW502943, AI613122, AI799987, AI167426, AI690279, AA961556, AI922793, AW192326, AA884243, AW466920, AA406540, AI056434, BF445340, AI474043, AI554349, AI683228, AI005386, BE551997, AI375147, BE219295, AI023935, AI858307, AA977781, AI014659, AA476600, AI862299, AI373151, H98705, BG026933, AA133556, AA740912, AI445185, AA854666, AA662239, AI219500, AI753034, AA460864, AA825765, AI022572, AA921695, BF449065, AI307163, AA653520, AA084495, H84941, AA633984, AA736977, BE875331, AI942431, N62066, AA547991, AA733193, AA223872, AW470498, AI373517, AW191934, BG254716, AA234147, AV657285, BF447547, BE221862, N90001, BE972678, AA826196, D52785, AA747649, R76670, AW195708, AI914938, T10324, AI766278, BF693955, AA603640, R72724, H00496, R54814, AI336415, AA321072, AA889800, H23411, AA676974, H00451, N67064, BF796159, AA225329, AA234966, R26692, AW002755, BE768914, T06172, AA448680, H87150, AI471026, D61441, AA370613, D56735, N67066, AW572603, D56719, AA665717, D56553, C16271, BE218693, AA768631, D53417, AW811783, C16257, AA768450, AA411734, AI913693, AW235856, R76341, BF572614, AW389559,

					AA418031, BF911698, BF911705, AI696611, W19798, N66524, AA190229, AW860768, AW867800, AA196008, BE785050, BF911694, AI860027, AL514473, AL514015, AL513977, AL514087, AL514791, AW073996, AI673278, AI440399, AL047100, AL513817, AL042944, AI500061, AI799313, AL514493, AL514063, AL513693, AI890907, R20540, AI537191, AL514511, BF990241, AL514093, AI564245, BF753034, AW499870, AW054955, AI537677, AI272058, BG108239, AI927233, AW055261, AI859991, AL046624, AA641818, AI918809, AI539260, AF094481, AL117392, AL357195, I48978, Z82022, U73682, AK000160, I48979, AR050959, AK027169, AL117590, AF218031, AF030513, AL133665, AL023657, A27171, I89947, X83508, AL110269, AR038854, AJ012755, AK026833, AF260566, AF060555, AL355701, A41579, AF080068, AR073709, AB048954, AC004093, AF113699, AR022283, AK026480, AF217982, AF126488, AF172400, AL157837, AR034821, X60769, AL049423, AK025015, AF124728, Y13653, A86558, AK026045, AK026744, U62966, X66366, AL137476, AL117416, AL389957, Z98036, AC006944, A18777, AK026494, AR023871, I32738, A58545, AL137478, AF141289, AR013797, AK026528, AK000432, AK000630, S77771, AL136884, AF113689, L19437, E05822, AF119896, A77033, A77035, AF087943, AL389947, AK025407, AF061795, AF151685, X99971, L04504, U72621, AL031346, AC009500, AK026462, E12747, AK000718, AL442643, AJ299431, AX017991, AL162066, and AC011042.
HBJCS26	220	821682	1 - 2870	15 - 2884	BF966834, BF793027, BG254875, BF792413, BG033051, BE742990, AW953255, BF573269, AV705064, AW389937, AW006661, AW389928, AW389939, BF203205, AW368253, BF797299, AW389934, AW389932, BE066037, BE885864, AI523478, BG024650, AW389973, AA480016, AW510693, AI694363, AI860946, AW389940, AW389956, BG114857, BE093653, AW389949, AA731460, AW576904, BE720773, BE158003, AI708228, AW389960, BF511192, AW389957, AW576906, AW389972, BE831012, AW389958, AA133343, N94901, AA313595, AA251096, AI340096, AI024831, AW977254, N52329, AI095766, AW975233, AW389961, AW152266, AI097188, AA557232, AI554112, AA133384, AI199955, AA993919, AW168267, AI040330, AW389938, AA416667, AW945691, AI092219, AA010337, AI333039, AW389954, AW377524, BE677152, AI671027, AA010338, AA442321, T33430, AW873477, AA478969, AW573220, AA085448,

					AA227638, AA031587, AA452702, BF092547, AW370817, AI797198, AA909572, BE079826, AA742479, AA936422, AA102609, AW264918, AI215849, AW263148, AI568327, AA429813, BF739002, BE079726, BE831013, AW317004, AW749979, AA057297, AA058742, AW302393, AW389968, AA416589, AA031496, AI123990, BE701046, AA608709, R42079, AA018410, H11575, AI961604, AI124972, N64588, AI284433, AA214250, AI289991, AA593634, BF094147, BE831010, W19549, AA748120, R68065, AI093379, R80528, BE832594, AA372813, BE701044, AI735426, R58839, R68411, AW389971, AA975850, AW749023, AA861668, AA227490, R52688, N33347, AA350520, AW868584, R51734, AW389974, BE938158, AA205634, AA810166, H11468, R82824, C01392, R23934, BE138906, BF592801, AI200911, R68410, AI628759, AI263691, AI652056, Z44646, AI499248, AA903522, AA365162, BF445265, AI699675, BG002364, R52738, AW370800, AA377337, BE831014, AW389965, N34001, AI804255, R82825, H13335, AI273115, BG111280, AA326308, R18705, H88553, R51733, BF838845, AA428149, AI887877, AA928872, AI523604, AI912645, AA807008, AA889622, AA621372, BE765276, AW866099, AW866198, AA091772, AA214352, R68066, AA128392, AW866191, BE173048, BE832593, Z40503, AA908352, BF373943, N24559, N41446, AI221629, T15900, AW866108, F01878, BE005256, AW866104, AA252658, BF827514, AW866100, AW370824, F01877, BE348397, BE670149, AI203798, BG251749, AA083086, AW872399, F05611, AA085783, AW375850, BF921174, BE219666, AW372078, BE250807, AA205648, Z42357, BE149738, AA491058, BF088912, AA085784, N75099, BE831007, BF932539, AL161991, and AK024807.
HBJCW24	221	805962	1 - 1000	15 - 1014	N49717, N80132, AA594157, AW827115, AV756220, BE252421, AV760391, AV760389, AL042694, AV760019, AW021195, BF816035, AL041230, AL042538, AV760560, AW827240, BG105511, BF342223, BF337291, BF853693, AV703956, BF824803, AV704232, AV728304, AV710422, AI064787, AL042731, BF679640, BG114985, AL514939, AL045421, AL042853, AL046262, AA555145, BF868994, AL041208, BF183722, BF878955, AL037683, BF676981, AL046021, AV682244, BG105817, AL046463, BF828567, BF828245, AA653459, AA760655, BE047915, AV681989, AV683513, AV681580, N52358, BF813822, BG115678, BF996894, AV763418, AV759518, BF792421, AV763460,



09950083.091201

				AL043052, AV760466, AV655096, AL044304, AI073952, AL514763, AI637930, AL138455, AL035847, BE906410, BE965432, AL040038, AV762645, AV652027, BG106270, AL514887, BE735267, BF751331, AV759935, AV762395, BF128459, BG260963, BF853807, AL043632, AW952403, AA768214, AV733824, BE733070, AL138431, BG033220, BE965180, AL391839, AP000361, AC002060, AC000053, AC012312, AP000360, Z98949, AL353745, AC004686, AL356747, AC009087, AL121952, AC002426, AC016652, AL359382, AC005291, AC007391, AC007172, AL035587, AF042090, AL354776, AC007390, AC010972, AL355103, AP001666, AC002464, AC009024, AC005091, AC007404, AL163282, AL109800, AL139099, AL161757, AL034400, U95739, AC003001, AC004837, T39386, T40547, T48060, T49641, T49814, T51295, T51445, T51606, T51759, T57686, T57724, T57923, T58007, T67434, T67595, T70013, T70091, T70161, T65254, T70569, T75398, T86703, T90759, T84606, T95410, R07307, R14399, R17512, T26623, T27144, R19658, R20255, R20292, R22766, R32844, R32948, R34287, R35489, R35502, R44444, R53290, R44444, R70618, R77220, R77221, R80391, R80631, H02499, H03141, H03950, H04687, H05547, H10475, H10474, H20284, H22715, H23120, H25292, H25335, H27433, H41171, H41996, H42056, H42101, H38559, H38560, H44937, H47727, R86256, R89005, R89013, R89211, R91400, R92492, R92657, R94386, R95187, R95690, R96652, R96703, R98030, R98527, H53803, H59209, H59210, H64572, H64674, H68414, H68415, H70149, H70150, H71154, H71155, H73607, H73048, H73022, H89856, H91314, H93789, H95325, H97706, N21104, N22674, N22731, N23375, N24005, N25955, N26905, N27991, N29479, N30406, N32113, N39035, N39291, N39650, N39791, N54508, N54898, N55353, N57901, N58219, N58307, N58393, N67466, N69531, N70248, N70272, N72593, N77360, N77673, N93887, N98365, W02373, W25708, W30923, W38068, W38375, W39454, W40379, W42671, W42894, W45472, W51753, W52812, W61001, W63797, W80794, W80843, W86265, W92938, W92939, W94134, W94039, W95622, W95623, AA016260, AA018436, AA018607, AA018627, AA019339, AA019343, AA021306, AA024777, AA024778, AA025465, AA026081, AA025489, AA057847, AA058372, AA058447, AA059115, AA059432, AA063149, AA063475, AA069480, AA070163, AA070284, AA070407, AA071097, AA071221, AA071322, AA074045,
--	--	--	--	--

					AA074199, AA074256, AA075054, AA075055, AA075383, AA075432, AA076302, AA076318, AA076436, AA078815, AA078913, AA078934, AA079254, AA079139, AA081756, AA081767, AA081944, AA081945, AA081990, AA082592, AA082604, AA082624, AA082827, AA082706, AA083286, AA083488, AA083713, AA083993, AA084589, AA086175, AA098813, AA100941, AA101083, AA101369, AA101393, AA100637, AA101585, AA111936, AA112116, AA112334, AA112356, AA113181, AA113279, AA113335, AA112681, AA113761, AA113871, AA114133, AA115886, AA116010, AA122099, AA120982, AA120933, AA121184, AA126310, AA127454, AA127535, AA129302, AA129441, AA129451, AA129479, AA129328, AA129832, AA129694, AA128859, AA133433, AA129765, AA133607, AA133741, AA134091, AA134247, AA134246, AA131189, AA131365, AA131899, AA132225, AA132933, AA133077, AA135839, AA136482, AA136887, AA146586, AA147242, AA147255, AA147717, AA147742, AA147598, AA148233, AA152382, AA151960, AA149879, AA156274, AA156337, AA156341, AA156372, AA157052, AA157204, AA157206, AA157455, AA160356, AA164238, AA167389, AA169791, AA169758, AA169725, AA169819, AA169439, AA171443, AA171774, AA172164, AA172182, AA172339, AA173220, AA173039, AA173040, AA176132, AA176134, AA176096, AA179132, AA179316, AA179269, AA179444, AA179454, AA179459, AA179416, AA179589, AA179751, AA179909, AA181692, AA181760, AA181786, AA181739, AA181836, AA182714, AA171535, AA181785, AA187243, AA187302, AA188064, AA186528, AA186927, AA187011, AA188355, AA188794, AA188952, AA191000, AA190622, AA191327, AA191334, AA197308, AA220931, AA220933, AA223505, AA223570, AA223567, AA223700, AA223701, AA223737, AA223781, AA224250, AA224398, AA226798, AA227113, AA227171, AA227173, AA227189, AA232314, AA232223, AA233430, AA233530, AA243107, AA285138, AA284059, and AA426399.
HBJDC57	222	603516	1 - 729	15 - 743	BE162541, AW002578, AA029910, AA844343, AA778032, AA769970,

					BE162461, AI208188, BF837553, BF736839, R50783, BF835446, AW629932, AA378832, AW087321, AA030039, AW956455, AI915523, BF341153, BF514747, AI141995, AA199650, BF736930, BE267515, AI183640, AI865622, BF844830, AA948418, AA568278, AW054909, AI362883, AA643568, AA599945, AA677130, AA700395, AA706909, BE241449, BE559661, AW175898, BF844804, AA888897, BG034310, Z83844, AL160132, Z83844, Z83844, and Z83844.
HBJDR18	223	604907	1 - 1104	15 - 1118	BF677892, AL046409, BF668217, AI963720, AI284640, AV710066, AW303196, AA490183, AW301350, AI334443, AA491284, AW274349, AV761362, AW500125, AA521399, AI270117, AA521323, AW327868, BF915247, AU144849, BF915722, AA581903, AW833862, BF915628, AV740801, AL138455, AV757607, AL046205, AI431303, AA877817, AW265393, AW472872, AL042853, AA468244, BE150580, AV763971, AL038072, AV762395, AL119691, AV761489, AV761745, BG109996, AV762064, AA629992, AV763670, AV759507, AI133102, BE253048, AA680243, AV762098, BF130605, BF347791, BF347740, AI732120, AV762397, AA502104, BG249643, BF697673, AV764307, BE277210, AW088846, AA533036, BF337291, AA587604, BE674881, AW245747, AA610491, AV759204, AW960468, AA507824, AI801482, BE297262, AV733830, AL038705, AI799642, BF541120, AI696962, AV760057, AI345681, AI345675, AW274346, AW193265, AA846876, AA584145, AA468022, AV762111, AA584167, AI457397, AI919265, BE409047, BG059314, AA533333, BG059568, H71429, AV729813, AV757425, AW662543, AI732865, AV759172, AV763449, AI307201, AV763290, AI821714, AV762959, AI792133, AI791913, AV735370, AW419262, AV760937, AA908687, BE049139, AV763540, AW872676, BF241967, AA584195, AW103758, AV729881, BF680074, BF676536, AA514854, AA613227, AI355206, AW872575, AI744826, AA613203, AA526787, AW248847, BE901529, AV729809, AW439558, AV764578, AA719292, AA468131, AL041690, AV725431, AV759274, AV763633, AA480772, BG236628, BF679256, AW956640, AA503473, AI473943, AV761843, BE139146, AV760207, AL042420, AW268300, AW410400, AW973397, AW265385, AI254913, AI270559, AI821785, BE276880, AW976010, AI610920, BE046438, AV764530, BF030591, AV762505, AA126450, AV763847,

					AA623002, BF918590, W77807, AW518220, AA574442, BF914859, AI754955, BF970654, AV759505, BG177715, AV760371, AI583283, AV762139, BE160727, AV762706, AW023672, AV760466, AW069769, BF701449, AA244357, BF793766, AI434695, AV762009, AA631507, AU147104, AW973254, AV733400, AV732891, AW858127, AW970896, AV758600, AV763354, AL039958, AI744995, AV735495, AL044858, AA394271, AA613232, AA720702, AV760777, AV760486, AA601253, BF919090, AA192740, BF965406, AI345654, BG036665, BE394054, AW021583, AW504669, AW276817, AI708125, AI537506, AV728632, AA491814, AA653618, AW028429, AA682912, AA601222, AW979060, BE276641, BE350772, AV742057, AI053790, AA523838, AA806796, BE274150, Z84480, AL355358, AC004104, AC006287, U91322, AL078644, AL031785, AL033383, AL133517, AC004820, AC011229, AC007878, AC006481, AP000013, AC005495, AC009480, AP001729, AF223391, AL050305, AL157879, AC007282, AL391122, AL049591, AC008795, AC006582, AL161753, AP001414, AC006084, AC022078, AL136306, AC009502, AC005995, Z84489, AC004506, AC000111, AC011465, AL137064, AL391259, AF240628, AC007458, AP000155, AL021026, AC011738, AL049868, AC007395, AL138755, Z84719, A91686, AC005921, AP001254, AC006484, AC074331, AC004606, AC011604, AL121780, AP001678, AL009030, Z82178, AF250841, AC023512, AC000403, AL078601, AC006035, AC011510, AL024507, AC015592, AL117345, AF023460, AL022151, AC004470, AF297093, AL356103, AC004837, AC005089, AC011462, AC010789, AC006536, AC003962, AL032821, AC002497, AC009079, AC008038, AL133321, AL109925, AP001331, AL035448, AC006075, AL136443, AL136136, AL445223, Z84483, AC004974, AL117333, AC012067, AL023913, AC010382, AC003005, AC005068, AC005669, AC006350, AL139100, AL049629, U82828, AC002303, AC016969, AL035458, AC005702, AC000015, AC006996, AC008887, AL031591, AC011440, AL109933, AF067844, AF126403, AC022407, AL391839, AC035147, AC035149, AL133411, AC004072, AL356057, AC022103, AC006959, AL354942, AL133545, AL078624, AP001693, AF020503, AL353633, AP001667, AC025257, AC005045, AP002534, AC025575, AL023879, AC009803, AC005043, AC006230, AL079305, D83989, AC027341, AL117341, AL022240, AL023807, AC008543, AL022068,
--	--	--	--	--	--

09050083 091701

					AL391384, AC073651, AC006064, AL135839, AL133255, AC010092, AC002511, AC005230, AC006121, AL163279, AC011752, AP001224, AL162414, AL133552, AC018503, AC023480, AC005209, AL031010, AC010513, L11910, AC026201, AF015148, AL078621, AL138706, AL049563, AC008269, AL353573, AC009958, AC004259, AL139008, AL356379, AF232289, AF015156, AF015151, AC008831, AC073071, AC005013, U18391, U18394, AC015853, AL117186, AC004600, AC011742, AP000962, X76070, AC017006, AL354868, AL139039, AC005280, AL021407, AC005363, AL031283, X55929, U57007, AP000567, AL356863, AL096800, AC007262, X55926, U57009, U18395, AL078603, AC009196, AP001694, AC044787, X55925, Z79996, AC004548, AL354896, AC023600, AL035662, AP001692, AL159168, AC020626, AL161804, AP001706, AL133246, AP001708, AC007437, AC006207, AC007043, X54180, X55927, U18393, AC002045, AC006116, AC022316, AC006345, AC010169, AL031723, AL133480, AL357560, AK021623, AC005379, AC024900, AC011455, AL391260, AL050318, Z68756, AL008725, AL135940, AC011895, AF287957, AF287957, AC023864, AC023864, AC016142, AC022795, AL353577, AC034274, AC011036, AL157775, AC055824, AC068682, AC023309, AC011101, AC027584, AC027584, AC009095, AC023583, AC055805, AC024337, AC027264, AC019092, AC019092, and AC021901.
HBJDR83	224	600395	1 - 1471	15 - 1485	AW886349, AW846311, AW846394, AW846409, AW846293, AW846402, AW846410, AW846491, AW846303, AW846493, AW846164, AW846216, AW846168, BE180603, AW846569, BE348777, BE043052, AU121289, AV731928, AW846401, AW846581, AW846298, BF826938, AI370959, AI018133, BE148579, AL022154, AC006383, AC003100, AC010326, AC006998, AL109963, AC016955, AL391358, AL133274, AC012667, AP000168, AP000325, AC004103, AP000054, AP000122, AC000073, AP001720, AL049762, AC009501, AC000085, U72787, AC002465, AL136125, AL031965, AC006477, AL031433, AL021307, AC005605, AC005604, AL353739, AL121865, AL121755, Z49918, AL138743, AL392173, AC004585, AP000457, AC068919, AL136325, AF052041, AP001669, AC007676, AL359846, AC005900, AL133271, AC009308, AL391294, AL034410, AC019046, AC007126, AL121872, AF095725, AC007102, AF223391, AF172277, AL354750,

					AP002027, AC006925, AL160176, AC005915, AL137782, AL391829, AC007539, AL442167, AL163285, AC007313, AL159970, AL035467, AL118503, AC026200, AC026217, AL109755, AC026199, AC008065, AC024600, AC009230, AC006287, L35657, AL136101, AC002076, AL132990, AC069247, AL356913, AC003013, AC005510, AL034402, AC009479, AC007488, Z96074, AC016399, AC016397, AC004220, AL008633, AL136302, AF274857, AL078622, AL157915, Z83745, AC005612, AL117351, AL135933, AL021068, AC002429, AL139806, AP001609, AF109076, AL109800, AC005539, AC007786, AC004932, AP001341, AF070718, AP001693, AC007567, AC010084, AL136298, AC004460, AL122057, AP001067, AL353132, AC002385, AC009245, and AL031056.
HBJEE51	225	737793	1 - 1235	15 - 1249	
HBJEL21	226	866158	1 - 2068	15 - 2082	BE615202, BG169721, BE616913, AW949473, BE274024, BF692414, AA563588, AA287619, BF184982, AA286728, AI263859, AI743361, AU133977, AI696880, AI056295, N26148, BF349639, AU146288, BE208530, AU132431, AV744135, N27696, AI955302, AA192128, AI384073, AI382374, AU120132, AW051393, AI955293, T28245, AW272463, AV736955, AW772534, AW732203, BE811130, AV753966, AA329458, H12745, AI318282, H70710, T81259, AA661593, BE568474, AI467973, AI283452, AI589987, AA552124, AI393951, BF513395, AI077636, BF976295, AW779476, AI283469, AA622568, AU121036, AA613057, BF002616, AI806680, AI092457, AF039019, AJ236885, U80078, X98096, U30381, U96633, L04282, AJ001165, and AC004518.
HBJFH84	227	836997	1 - 2280	15 - 2294	BG168908, BE669599, BE559886, BE671245, AL039242, AW574499, BF035202, AI817157, BE551031, BG058530, AI742018, AW504483, AI685441, BE549639, BE869110, AW500613, AW503295, AW513121, AW167429, AW500336, AV661781, BF446667, AA587395, AI961516, AW575813, BF438087, AW364816, AI765818, AA584374, BE799849, AI651724, AI800997, AW937184, AW575819, AW438897, BE503201, AW503486, AI637483, AI829845, AW009504, AW504274, AW518691, AW272519, BE267561, BF891128, AI279109, AI276513, AW166344, AI143557, AI273342, W56046, AI185723, AI471654, AW501952, AI281077, AA190380, AI310063, AW503285, AA159740, AW004740, AA280638, N73283, AA132689, W86235, AI689171, AI735565, BG036831, AA836560, AW130761, AA522514, AW129199, AW364811, AA625247, AW572342, N91945, AI224939,

					AA282004, AW364805, AI431950, AV661906, AA159610, AA580462, AW407894, W00701, AA541247, AA564425, AW295551, AW768660, AW504085, AA862370, BF801898, AA627299, BE463915, AW451417, W07451, BE300058, AA022631, AI796881, AA936243, AW605271, BF087798, H20906, AI216092, AI689636, F02785, W02331, N68375, W02301, AA723803, AW579427, T36036, AW408204, BF931164, BF804743, AI940700, W86262, Z43375, N69053, AW008968, F09459, BE707039, N41561, AA376661, AA580447, F11811, AA836418, AW505030, AA642416, AI866285, Z45807, AA533194, AA456569, BF798123, AW272544, AA022778, AI696746, AA553695, AW051076, AW062930, AI439991, AW449051, AW770179, AW605256, F08564, AW768397, N81090, AI625463, BE925275, BE814396, AI401779, AI611677, BF446360, AW856279, AA978095, F04771, N73077, AI939992, F04674, AW401415, BF827507, AI301465, Z20150, BF512890, AW795379, AW407546, AI269788, BE832751, AW753775, BE974107, AW879506, AW874245, AA190789, AW805911, BE769247, AK025282, AB018289, and A74692.
HBJFJ14	228	845228	1 - 1241	15 - 1255	AL536925, AA133348, BF508961, BF342190, BF508959, BE251476, BE252801, BF976655, AW131509, BG113083, AI817212, BE220465, AI912178, BF091627, BF057311, AA442403, AW058247, AI816308, AI888601, AI831434, AU160292, AU160347, AA543041, AI696844, AI983251, AW264031, AI926719, BG113967, BE328136, AA446160, BF941140, AI831083, AA082656, AI497779, AW192538, AA022904, AA022972, AW008439, AU155432, AU146332, AI885239, AU154966, AW148820, AA620433, AW475073, AI954485, T15600, N52244, BF446724, AA129734, AA629905, AW057745, AW262968, R32250, AI202153, AI093314, BG056301, AA629889, AI343894, AW962907, AA679834, AA780635, BE208850, AW469141, AW026233, AI083929, AW518874, AI744465, W68768, AA405340, AI434113, AA534714, AI161141, AI139082, AA483012, BF475496, AW627627, AI563900, AA918652, AI832979, AI146997, W68701, BF725931, W60222, N40357, AA464932, N27541, AW029604, AA668574, AA043312, AI129404, W68665, AI342657, AA865133, AA613441, D54423, AW090297, W77998, AI348299, AA131621, AA100937, AA868711, AI335771, AA405305, AI275837, T16126, AI469139, AA102433, BE938044, N30282, D52220, BE301222, AI208882, AA634412, AI198033, AA122182, AW249448, AI161416, AI623639, BF477410,

					<p>T05285, W58483, AI150716, AI971882, AI074381, D29389, AI681469, AI262490, D53356, AA780086, AW834974, AI537360, AW250060, AI055818, W68794, AW952636, AU143157, T06774, W79457, AA973863, AL536926, BF929312, AA100506, AA043311, BF941161, D54653, AA248675, M85461, AI863071, AA120968, AU155256, T03369, AA992890, AA056076, AA041515, D52929, D55602, AA464931, AA013135, AI193342, AA774149, T72667, AI368591, AA086339, D54852, AI274881, AW090775, AA976984, F30612, M86127, BE769093, R68178, T15459, T35347, D55336, T72739, AL134296, H05947, R40530, BE727182, BF313119, AA405652, H52389, AA933660, D55604, AA528214, R28194, R89086, AU149559, R39307, AI361337, AI422282, R49639, R89191, R68179, AI735114, BE858134, BF594151, BF432410, BF196650, AI368491, R50780, H59358, AI205182, BF527513, H52388, AW083991, AL080050, H60013, AA484279, AA147652, AA041462, AA131570, D55999, N42004, D53281, T32054, R32299, AI350828, BE160779, C01731, BE825844, BE765603, AW384940, W58448, M78259, AW384938, D55085, AA330451, T04969, BE782783, BF527713, T32473, AA629101, BE160747, AI669553, BF438510, AW373500, AW384885, AA147670, AW580241, D78014, and AC009116.</p>
HBJFJ26	229	130696 9	1 - 881	15 - 895	<p>AL526811, AL522907, BE619639, BE798341, BF036910, BE785683, AL528580, AI816714, AW410741, AW675663, AA226255, AA813934, AA906037, AA134768, AI077876, AI354477, AA037624, AA641954, N53061, AA134769, AA424082, AW814771, AW440434, AW074122, AI302550, AI813620, AA424016, AA709434, AI241581, AW074284, AW504945, W93593, AI206461, BE396498, AI004585, AA911289, AI218492, AI612865, AI277607, AI187313, AI350811, N73248, AW275190, BF353710, AA954030, AW276616, AI202853, AW439574, AI265804, AA226533, R02524, AA037625, AI244408, AI241127, BE513950, BE711537, BE300852, AI954356, AW193200, AW410740, AL522908, BG030252, BF038884, R29049, AA873196, AA876151, AA973778, AA872499, AL526841, BF903325, AA010653, AA216115, BE177689, BE898093, AW629350, BF088300, AI434025, BE734483, BE869464, BF335325, BE732878, BE731318, BE877188, C02093, BF755890, BE731332, AW015508, BF756605, AA609581, AW016529, AA760741, AI283813, AI096744, AU156247, N26872, AA057074, N20594, AA580145, AA486563, AA535449, AA917667, AI678948, AA948624,</p>



					AI823982, AW802992, AW148479, F29139, F26541, BF526777, F37068, T96318, AI817412, BG110816, AC083862, AC009542, AK026103, AC009330, AK001862, AC009330, AC009330, AC009330, AC009542, AC009542, and AC009542.
HBJFJ83	230	566478	1 - 1194	15 - 1208	BG232026, AW188969, N51227, C14208, AA902291, AV707103, R39551, H29034, AI472059, AW949436, AV655824, AV706278, N36879, AW950039, F10916, AW963117, AA412677, AV706447, AV701983, AV724991, AI525796, AI541218, AW951214, AW950675, AW956166, AL354792, AL354792, AL161911, AL161911, and AL161911.
HBJFJ83	231	852046	1 - 1151	15 - 1165	BG232026, AW188969, N51227, AA902291, R39551, H29034, AI472059, AW949436, N36879, F10916, AA412677, AL354792, AL354792, AL161911, AL161911, and AL161911.
HBJFP47	232	603438	1 - 1007	15 - 1021	AV706453, AV650367, AV705504, AV701596, AV702187, AV706683, AV705343, AV701873, AV701704, AV727541, AV708872, AV709222, AV706104, AV727347, AV703505, AV706290, AV707942, AV702671, AV707589, AV704605, AV703232, AV703388, AV650843, AV707311, AV725321, AV729129, AV647654, AV703761, AV706882, AV707088, AV702339, AV707640, AV708991, AV727355, AV705866, AV645545, AV709273, AV707783, AV702854, AV702354, AV707948, AV728715, AV727459, AV701728, AV702787, AV655067, AV702851, AV726628, AV703417, AV705234, AV707401, AV709356, AV706220, AV705263, AV729473, AV727822, AV651897, AV725031, AV705550, AV706992, AV726754, AV704757, AV702498, AV701858, AV709596, AV726755, AV704981, AV701879, AV703525, AV707528, AV708988, AV687909, AV685688, AV689800, AV692972, AV729076, AV656240, AV728997, AV702954, AV709935, AV701184, AV706223, AV705814, AV727139, AV707268, AV706330, AV703086, AV708610, AV725369, AV652156, AV701183, AV702928, AV701874, AV726480, AV702792, AV706357, AV702637, AV701783, AV706012, AV727103, AV729220, AV705684, AV704059, AV727126, AV706989, AV706889, AV707882, AV702783, AV727469, AV726505, AV704924, AV702071, AV703090, AV707117, AV704954, AV705467, AV705525, AV729388, AV704879, AV709025,

				AV658362, AV707171, AV707639, AV707649, AV706874, AV726653, AV705239, AV725043, AV702026, AV726681, AV709733, AV704580, AV706659, AV705321, AV702673, AV707458, AV701611, AV647692, AV651503, AV706724, AV704974, AV701832, AV703515, AV701499, AV707822, AV708720, AV704116, AV726830, AV709897, AV706532, AV702383, AV706851, AV705299, AV706662, AV707794, AV701496, AV706067, AV728546, AV691615, AV706047, AV703542, AV709932, AV704590, AV703012, AV725617, AV708423, AV683012, AV704279, AV705662, AV703436, AV728289, AV727238, AV706718, AV652808, AV656004, AV708347, AV706527, AV707933, AV704592, AV729408, AV709494, AV708809, AV727314, AV702537, AV706035, AV704401, AV705416, AV707798, AV709407, AV707685, AV707322, AV724987, AV728270, AV707420, AV728652, AV729366, AV725387, AV701586, AV704865, AV727018, AV703284, AV726787, AV705174, AV727932, AV707769, AV704245, AV702409, AV705047, AV704611, AV725152, AV702869, AV645768, AV703783, AV725386, AV706734, AV688061, AV645778, AV729357, AV726703, AV703214, AV701876, AV727562, AV702728, AV690752, AV725497, AV704481, AV703186, AV705273, AV727032, AV699223, AV682997, AV728455, AV662242, AV728872, AV699153, AV702798, AV703367, AV727017, AV727723, AV705020, AV705532, AV706394, AV725281, AV704916, AV706991, AV701560, AV701730, AV727189, AV693005, AV701851, AL078584, AX020190, AR088705, AR079804, AR091393, A25909, AR062871, AR038855, I44681, AX028305, AX035462, X81969, AX009487, A85395, A85476, D78345, AX026824, AX026823, Y16359, AR017907, AX001322, AR062872, AR062873, AX001082, AJ244004, AX021518, I13349, AJ244005, AX006816, AR037157, AJ244003, AX009712, AX008555, A20702, A20700, AX032758, AX006825, AX006826, AX006822, A43189, A43188, A91965, AX042372, U94592, AX035980, I63120, A98767, A93963, A93964, A98420, A98423, A98432, A98436, A98417, A98427, AR038762, AR008429, X83865, A84772, A84776, A84773, A84775, A84774, AR054109, AX006821, AR067731,
--	--	--	--	--

					AR067732, A86792, A58522, A91750, A18053, M28262, Y09813, AX011024, A93016, AX003207, I15717, A60212, A60209, A60210, A60211, I15718, E03627, AR096545, I49890, I48927, AR069650, A02712, A77094, A77095, AR080470, AR077142, A81878, AX033488, I84553, AX033489, AX033490, A95051, A18050, AX012337, A23334, A75888, I70384, AX033474, I84554, AX033486, AX033487, A64973, A60111, A23633, AR007512, I08396, I00682, A11624, A11623, E00609, E13740, A11178, E01007, A10361, AR095492, AR073846, I62368, AX006823, A35537, A35536, A02136, A04664, A02135, A04663, I06859, I08395, AR043601, A11245, I03331, E12615, A02710, AX018504, AR035193, A58524, E14304, A07700, AX027811, AX027809, A13393, A13392, AR031488, I13521, I52048, A27396, AX027813, AX030369, AX030368, AR069374, AR027100, I44531, I28266, AR069375, AX042377, AR083151, AX027812, AX027810, AR091518, AX027816, AR072535, AX042375, AX027817, AX027818, AX027814, I21869, AX042373, I44516, A70040, E16678, A82653, AR093385, E16636, AR074365, A58523, AJ244007, A24783, A24782, AX032992, AX032993, A92133, A95117, AR093392, AR085082, AR085089, AR085091, AR095490, AR095491, AR085079, AR085083, A90655, I18895, I01995, AF149828, I08051, AR031566, AR038066, D50010, I25027, AR069426, I26929, I44515, I26928, I26930, I26927, I60241, I60242, A20699, E00696, E00697, AX001330, E03813, AX003206, AR093384, I66482, AR009151, I66483, I66484, AX004550, AX036660, AX036661, I66498, I66497, I66496, AR027099, I66486, AX023553, AX003194, AX023548, AR072540, AX047064, I66485, AR093383, I66487, AR051652, AJ270780, AR051651, I05558, AJ230935, AX027636, AJ230902, Z32836, X07299, AB043473, AX047063, A70872, AL078584, and AL078584.
HBJFR77	233	825789	1 - 1647	15 - 1661	W56149, AI458084, AI685399, N73742, BF383168, BF030315, H48629, AA767931, AV684128, H73495, AV698275, H73264, AW975433, AA157814, AA720538, AA209530, H48817, AI916090, AA506385, AL357141, AL021451, AC013613, AC013613, and AL357074.
HBJFU30	234	637517	1 - 463	15 - 477	AW295889, BF433682, AI127319, AA836117, AI342607, AI377294, BF432733, AW195006, AW612499, AI808746, AI924671, AW105213, AI949733, AI399910, AI760171, AW510358, AA773985, AI147428, AL521498, T03488, AA773278, AL521499, AI240524, AA886841, AI274543, N58908,

					AA443382, AC010826, AC010826, AP000813, AP001023, and AP001023.
HBJFX41	235	603437	1 - 765	15 - 779	AC002558, AL133255, AC022596, AC004216, AL021368, and AL162724.
HBJHO83	236	610259	1 - 958	15 - 972	AW139587, AW206289, AI418005, BF439266, AA196170, AV721569, AA827263, AI493150, AI539840, AA342835, BF525553, AV723060, AL135079, AA992466, R84740, AA889455, AA018860, AI032948, AI086195, AA335442, AA136660, R96454, AI052553, H05897, AW139788, R96455, AW341838, AI916309, AW339238, BE219764, AW277153, AW611961, AA521073, BF335547, AW513165, AI554132, AI204085, AI144557, AA583226, AA946701, AA777781, AI004047, BG253018, AW604457, AW604440, BF439900, AW578528, AI123630, BF945235, AI269030, AV720037, AW373059, AW373058, BE706100, BG026120, AC007276, AC009276, AC078847, AC020910, AC008760, AC022143, AC008747, AL117337, AF205588, AL050308, Z98950, AC005088, AF030453, AP001748, AP001630, AC007793, AC003682, AL031432, AC005229, AC011449, AC009196, AL031846, AL035461, AK022963, AC022150, AC006987, AC007276, AC007276, AC074010, and AC074010.
HBJHS92	237	663625	1 - 1871	15 - 1885	BF439821, AL022725, AL022725, and AL022725.
HBJHT01	238	587262	1 - 1237	15 - 1251	AW572853, AW852662, AW794904, AW852694, AA494184, BE092308, AW467441, BG000611, BF871414, BF871418, AA715850, AW962959, AI281561, BF899671, AI537814, BF899672, BF970033, BF899670, AW975902, BF847493, AW197990, AC008403, AC002551, AP001692, AL450224, AL022476, AL049762, AC011811, AL137039, AL356020, AC007842, AC007055, AC008569, AC005803, AB020865, AL353574, AL138836, AJ277546, Z93930, AC005484, AC007619, L44140, AL158040, Z95115, AF196779, AC009155, AC005548, AL354696, AC005254, AC007371, AL049780, AC000353, AL022336, AL158830, AC005488, AC007954, AL031664, AC000025, AL121586, AC004859, AL049757, AC007011, AL353812, AL157877, AL021391, Y10196, AF001549, U91323, AL096701, AP000501, AC008745, AC006930, AF053356, AL133174, AL137918, AP001715, AC027319, AL110115, AC010083, AC084239, AC005768, AL121675, AC006014, AC005562, AC002470, AC004223, AC026431, AC002457, AC008873, AL159977, AC002066, AC011497, AL031658, AL023553, AC008567, AL160234, AC005899,

FOI b6 b7C b7D

					AL031650, AL049611, AC007308, AC004686, AC010267, and AF111168.
HBJHT01	239	580026	1 - 1238	15 - 1252	AW572853, AW852662, AW794904, AW852694, AA494184, BE092308, AW467441, BG000611, BF871414, BF871418, AA715850, AW962959, AI281561, BF899671, AI537814, BF899672, BF970033, BF899670, AW975902, BF847493, AW197990, AC008403, AC002551, AP001692, AL450224, AL022476, AB020865, AL049762, AC011811, AL137039, AL356020, AC007842, AL354696, AC005803, AC007055, AC008569, AL353574, AL138836, AJ277546, L44140, Z93930, AC005484, AC007619, AL158040, AC009155, Z95115, AF196779, AC005548, AC005254, AC000353, AC007371, AL049780, AL022336, AF001549, AC005488, AL158830, AC000025, AC007954, AL121586, AL031664, AF053356, AC004859, AL049757, AC007011, AL353812, AC006930, AC026431, AL157877, AL021391, Y10196, U91323, AL096701, AP000501, AL121675, AL133174, AC008626, AC008745, AC005768, AL137918, AP001715, AC027319, AL110115, AC010267, AC010083, AC084239, AC008567, AC006014, AL023553, AC005562, AC002470, AC004223, AC002457, AC008873, AL159977, AC002066, AC011497, AL031658, AF111168, AL160234, AC005052, AC005899, AL031650, AL049611, and AC007308.
HBJHW06	240	724943	1 - 1242	15 - 1256	AV722306, and BF772259.
HBJIR14	241	793391	1 - 2844	15 - 2858	AL531941, BE730712, AI027524, AU141658, AU132222, AL531942, BE563705, BF792946, BG034848, BF346317, AU122062, BG167881, BG108207, BF970602, BF530386, BE908883, BG030291, BF035675, BF971353, AA845421, BE547283, BF306507, BE871639, BF203239, BF528059, BE905493, BE304617, AI149519, BF980660, BE783616, BF035532, BF816131, BG166514, BE542614, AI979044, AI074917, AU153799, BE620051, AW957388, AI936452, N30633, AI095613, AI932392, AI991324, AI138900, N32921, AL529706, AW006025, BE544096, AV724811, AU160300, AA305212, BE884253, BE501620, AA311976, AA838707, AU143167, AV724817, BG230739, AW958522, N21623, AI300943, AI033742, BE622891, BE897732, N54305, N99586, BE907619, AW854921, AI280694, AA445998, BF445345, AA689604, AI215138, AW664139, BE159181, AA652752, BG118683, N28862, AI884708, BF222411, BG006570, AU147751, BE537110, AW517498, AA748911, N27205, AW166829, AI342117, AA742994, AA843379, AA029157, AA257972, AI144478, AA446274, AA813285,

					<p>AW264803, BE940585, AW956964, AW089972, N55116, W20304, N42065, AA725430, N53404, AI421650, AU159163, BF848463, N27671, AI033230, AI038037, BE304536, BF803543, AI198139, AA180149, AA100619, AI805715, N90857, AI610790, BF358886, AA922400, AI453392, AW769832, R54164, BF963062, BE161387, W17080, AA857950, AA258774, AA748912, AA705379, AW104438, AI200213, AI742096, AA740968, AA587735, AV690118, AA653809, AI951742, N41879, AW265604, R34422, AW276696, AI288357, T71950, AI361405, N39948, AW903306, R60401, BF807458, H13598, BG008390, T79406, R47904, BF916939, AW150598, AA354936, AI687620, AA225860, AA514007, H24826, AA100618, AW028385, AA844472, AA838616, AI750370, AI652704, H91469, AA318129, BE139510, T87836, AI923134, AI200876, BE812230, AW071453, AL529707, AA654383, T55507, C20545, AA357715, BG222810, AA376142, AW291689, AW874036, AA865482, BE622051, T79492, R19010, AI541227, AA301179, AL121008, R38746, BE812233, AA927431, AA332641, AI216867, BF155063, AA368170, N20826, BF358880, R24992, BF815294, T35570, AA379876, N90682, R44080, AA379477, AA380540, H13231, BE870180, AI619545, AW118479, AA912875, AA299429, AA360169, R60342, AW380050, T80012, T99657, N22626, AW207513, R31012, T55430, AI080766, BF087005, BG112858, BE904406, R45000, AA341637, AA357716, AA029054, R33357, AI089930, AI968703, F26992, BF813632, N47498, AA043353, AA180148, H91118, BF828888, AA233424, R30957, AA371273, AW103048, AA743456, AA027973, C03022, AA043352, BF991678, AK023917, AK024030, AX040974, AL133076, AX030435, AL133053, AL133049, AX040958, AF314091, AL133074, AL133655, U30290, AL122101, E13998, AX041002, AC087093, AL133084, AL133070, AL049423, AL133051, AR034821, AR015970, AR055519, X68497, AL133607, AL133015, AL133608, AF192522, AF002985, Y17793, T99059, AA027972, AC025556, and AC025556.</p>
HBJJA26	242	743181	1 - 1349	15 - 1363	<p>AL445188, AC006129, AL049545, AC010876, AL136321, AC007068, AC005304, AP001065, AP001754, AL133402, AL034371, AC068139, AC021058, S65562, and AC074361.</p>
HBJJX02	243	612069	1 - 710	15 - 724	<p>AI823688, AI311883, BF915002, AL042756, AC010412, AF002223, AL121949, AC021876, AL121897, AL117336, AC009756, AC007263, AC005411, AF317635, AC064878, AL031281, AC005378,</p>

					AC006312, AC011479, AL050348, AL121977, AC008537, AL138708, AL034405, AL133545, U85195, AL096791, AE000658, AC018738, AC004257, AC016898, AC004824, AC008403, AL157838, AC010326, AL163249, AF134726, AC009298, U62293, AF168787, AC020550, AJ246003, and AF161886.
HBJLH78	244	839735	1 - 1085	15 - 1099	AV727190, AV727488, and AC027410.
HBJND04	245	837242	1 - 1689	15 - 1703	BF979796, AW000891, AI631971, AI565810, BF966934, BE897560, BG024901, AV706770, BF792032, BF966164, BE893740, BE744308, AW025213, BE880979, BF057175, BF979265, AI640553, BE293933, AW967089, AI631793, AW150347, BE223003, AI964068, AI889621, AI202187, AW300134, AI420725, AI631750, AI859413, AI421550, AI492458, AI830656, BF036595, AI824077, AA151649, AI674988, AA449304, AW769971, AA478767, AW613741, AI631123, BG026364, AI766069, BE313464, AI051366, AA526157, AA421840, AI149797, BF665262, AW444608, BF739849, BF115043, AW067801, AA640299, N70512, AW580307, AA644080, BF589881, BF059027, W16856, AA151730, W05526, AI339649, AI376380, BE463403, AW239546, R69093, AA449561, AA317639, AI337196, AI361086, AI825269, AI473395, AV659828, R54574, AI473262, AV659032, AA295499, AW079869, AA643644, H03631, T78111, Z44810, AW067870, R13710, AI796453, AI825749, R37847, AA369963, AI262640, AI522180, AW768552, AI767203, AA558703, AI016170, AI538140, AI273120, AW242952, BE092737, H10508, AA094226, AI799347, D79797, AA995841, AA935184, AA393994, BE092770, AW376232, AW376238, BF664614, AI762347, AA478886, AX042212, and AX042214.
HBJND57	246	612785	1 - 1106	15 - 1120	AW504975, AW504900, AI674174, AI583283, AI932493, AV739452, AI133297, AV763354, AW275510, AA493695, AA467750, AI345157, BF347791, BF347740, AW857802, AI687343, BE378770, BE253048, AI311927, AV710066, AV762098, AA467932, AI284640, BF677892, AV760777, AA580808, AV764578, AV760937, BG249643, AV745092, AW827120, AW193265, AI270117, AW168618, AV764307, AW020340, AW270343, AA634889, AW438643, AL046205, AI471887, AV703942, AW302903, AV734666, AV762139, BF337291, AA584167, AW235497, AA502860, AI872020, AW274349, AW303002, AL037040, BE782280, AW827130, AW872676, AV760774, AI754658, AW503398, AA531079, R43310, BF681649, AI358571, AA469451, AI933534, AI350211, AA828749, BF902055, BF681576, AV764241, AL046409,

				AA490183, AF330238, BG109996, AV759172, AI445674, AI305766, AV728425, AV763847, AV762535, H71429, AW872575, AV733830, AA623002, AW303196, AI783494, AA508359, AA847499, BE297262, BG167139, BG104686, AW512484, AA613397, AA478355, AW088202, AI241821, AW023990, AI860013, BE394054, AV740663, BF883982, AI698447, AA541423, AA501762, BE907585, AV744393, AW974109, BF771502, AI873852, AA664909, AW249224, AA806796, BG026806, BE350772, AI052464, AI584186, AW501386, AI568678, AI963720, AL038705, AA834792, AW063143, AW979031, BF668217, AA633753, AV729809, AL138265, AW301350, AV734583, BF697673, BE276880, BF679809, BF981481, BG171096, BF679304, BE276641, AV760042, AV733627, BF964720, BF871137, AI567076, BF218352, AA483223, BE902562, BE065673, AI873990, BF679274, AA503600, BG003382, AW149313, BG153869, AW196064, BE901529, AV763971, AA101689, BF816072, AW193461, BF149427, BE882399, AW827266, AW117809, BF814725, AW021735, AV762050, AW970871, AI801482, AV691665, AA658362, AW274346, AV761106, AI431303, AW050498, AW500125, BF475381, AV740801, AW473163, AV725423, AW069769, BF738242, AW118539, AA720702, AA581903, AW263477, AA661921, AA456578, AI708125, N57082, BF437493, AL041690, BF942454, BF964993, AL119691, AV730301, AI613280, AI678316, BF811945, BE206443, BF882996, AI085719, AV759505, AL042853, AI634384, AV761362, AW083402, AF075343, AW953071, AV761786, AV762395, AV762505, AV762082, BE350475, AV761843, BE562953, AV760486, AV740401, AA912099, AW968168, AA584667, N58361, AU136874, AI751216, AI345654, AW149339, AW021583, AA468131, AA507824, AW731867, AW023149, BF035897, BF914788, R24887, AA533303, AI254615, BG150796, AP001759, AP001468, AL163301, AC022148, AC005754, AC008072, AL133284, AC025436, AC015971, AC009475, AL049766, AL133499, AL121933, AC006451, AC011451, AC008940, AC016576, AL136306, AL445495, AC004832, AC004552, AP001695, AL161629, AL033377, AC005229, AL008635, AP000146, AL009174, AC004929, AC004875, AC007000, AP001692, AL109797, AC035147, AL356379, AL122021, AL132775, AC007238, AP000090, AP000359, AC006137, AC006430, AP000248, D87675, AP001710, AC002352,
--	--	--	--	--



09950023 091201

				AC005412, AC007664, AC018663, AL445188, AP000131, AP000209, AL391122, AF227510, AL163248, AC004957, AP002528, AC003662, AC026371, AL450483, AL136441, AL031983, AC002472, AL078477, AC018801, AL035411, AC021999, AC024085, AC020754, AC005548, Z83826, AC007679, AL139109, AL445143, AF213884, AC008088, AC005209, AL138894, AL022163, AC006351, AC007314, AC006029, AC019172, AC022596, AL050343, AP001670, AL109938, AC004783, AL359077, AC004955, AL353734, AL158064, AF224669, AC008471, AC021058, AF067844, AB026898, AC006079, AC006578, AL157384, AC006365, AL139350, AL078461, AL357498, AF130343, AC005915, AC010494, AL357052, AP001747, AC001234, AL133286, AF060568, AL034384, AC026424, AC018797, AC007363, AC006487, AC005532, AC026881, AC007385, AP001685, AP001441, AL096707, AL133417, AC007919, AF131215, AC023275, AC026770, AL138783, AC008812, AC005158, AC024603, AL049557, AL163204, AC010738, AL133353, AL138816, AC005535, AC006111, AC005225, U95743, AC069277, Z82193, AC010168, AC006369, AL023284, AC004535, AC004527, AC007911, AL356863, AL359916, AL078603, Z82198, AP001329, AC007529, AC024154, AL135858, AP000142, AC018698, AC012150, AL358372, AC010349, AC008876, AC003003, AC012446, AL022336, AL021391, AC021752, AL159977, AL022574, AC005252, AL138707, AL163280, AC006205, AL355144, AL050317, AC004655, AC016656, AL161753, AP001690, AL035090, AL034400, AC007857, AC002368, AC003010, AL079303, AP000469, Z82206, AL136132, AC005208, AL136325, AL359079, AC006353, AL359502, AC004644, AP001697, AC020717, AC004458, AL352979, AF186190, AC016652, AC006461, AC007055, AC006840, AC009501, AL021940, AL138876, AL445189, AL139092, AC006151, AP001731, AC005184, AC025809, AL022726, AC009414, AC002386, AL121781, AL035455, AC083870, AB017602, AP001627, AL354720, AC007912, AC003982, AL161804, AL117351, AC022161, AP001719, AC018637, AF252279, AC008518, AC005246, AL110503, AL034370, AL035703, AC004066, AL160397, AL139396, AL121932, AC007207, AL021154, AL121899, AC008560, AC000360, AC022276, AC040985, AC073219, AC023864, AC023864, AC016142, AC025975, AC011036, AC068682, AC073446, AC073446, AC011101,
--	--	--	--	--

					AC027584, AC027584, AC009899, AC031987, AL353663, AC055788, AC055805, AC027264, AC019092, AC019092, and AL353701.
HBKDF66	247	827276	1 - 1818	15 - 1832	AW292121, AI497769, BF062341, BE894885, AC011480, Z99716, AC005060, AL049840, AC021999, AL445687, AC020754, AL031293, U91323, AC010271, AC006274, AL035400, AC013434, AC002365, AL035555, AL009172, AP001716, AP001728, AC010789, AC020917, AL118558, and AL118558.
HBKEA94	248	827277	1 - 1233	15 - 1247	BF576085, BF672897, F20277, AA256405, AI637712, N78730, AW964111, BF003114, AI276572, W16640, AA256299, F29046, F27684, F22521, F28192, AW080841, F26318, F36126, F32672, F26743, F31838, F25673, F35782, F21361, AI810671, AL044965, F29323, F27117, AA346132, F34952, F16774, AA346131, F30379, F29634, AI696233, AA725010, F24054, F26524, AW183104, F35440, F35136, F35527, F36117, AA919007, F26598, F26254, BF511833, F34318, BF693563, AI419440, AI688848, BF915316, AW161579, AI540674, BF827575, AW084097, AI537677, AI915295, BE788683, AW074459, BG254754, AI539260, AW058233, AA693331, AW268261, AW078729, AW129592, AI401697, BF854388, AI241901, AI860027, AI537643, AI744181, AV712722, BG032036, BE621472, BF814412, BE843239, AI696611, AL038605, AI918634, AL037043, AA848053, AI469516, AL036954, AA575874, BE877142, AV728855, BG029829, AA806719, BG112718, BF904180, AI446373, AA088789, AV746791, AI473451, AV736808, AW082532, AI718513, BF698359, BF812960, BE892572, BE905211, BF925370, AL120853, AI524654, AI081740, AV681885, BF572734, BE964506, AA464646, BF968533, BG163353, AW082623, AI589004, AV756703, AI678446, AW410302, AI582966, AV654624, AA070889, AW827289, AW007939, AI345415, BE966729, BG261310, AV684075, AI623941, BF797585, BF699668, AI345253, AI559863, BF796447, AI580208, AI345677, AI356139, AA807088, BG113299, AW163834, AL041331, AW105460, AW858254, AI310606, AI858827, AI249877, AI249946, AI926790, AI581139, AW059828, N63128, AA748343, AI611816, AI261589, AI349933, AI799540, AI273085, AA555145, BF032868, AI471909, BE910384, AI560833, AI679312, AI569367, AW079159, AW083168, AA761557, AL048323, AI589428, AL036652, AL046463, AI584159, AL048340, AI683559, BF911528, AI423198, AI635813, AI702433, AI539800, AW148478, AI538878, AI280607, AI687568, AA587590,

				<p> AW151979, AW500379, AI560679,  AI689388, AV660831, AI758957, AI582434,  BG179295, BF814357, BE963758, AI932794,  BF814516, AI263584, AI361586, AI225000,  AW172723, AI758569, AI440263, AI538829,  BE782993, AI446704, AL040207, AI251221,  AI373622, AW999906, AV750565, R23306,  AI538850, AI935968, AI478123, BG034039,  AW162194, AI815162, AA847199,  AL048644, AI813633, BE047952, AA665612,  AL048871, AI370392, AL041115, AW118496,  AV713557, AI274768, AI918955, BE964997,  AW078689, BE541445, AI539766, AI271796,  AW050725, AW163823, AI818213,  AI148272, BE964700, F36003, AI263312,  AW021373, AI961631, BG029053, AI301046,  AW029579, AI345688, AI452857, AI933992,  AA947065, AF111112, AF115392, A18777,  AL389935, X76228, AL137574, AF217991,  U95114, AK025857, AL110225, AF227198,  AK000636, AF218033, X84990, U88966,  AL357195, S61953, Y10936, AL137478,  X70685, S77771, AK026542, AF067790,  AB007812, I89947, S83456, I48978,  AF116688, AK027104, AB050510, AF112208,  A08913, AK026649, U77594, AR038854,  AL137429, A57389, AK026590, AF026008,  A08912, AF031903, AL359583, AK025407,  AF199027, I22272, AF012536, I89931,  AK025339, AF305835, S76508, A08910,  AF260436, A08911, AR087170, AK026408,  A08909, AB044545, AB044547, AL389951,  X65873, AK026462, A08907, AL050277,  AF119336, A08908, AR070212, AL137554,  AK027217, U36585, AL137476, I89934,  AF036941, S63521, AK027102, L40363,  AL117626, AL133099, AX045627,  AL137254, AB040710, AL442072, AF146568,  AL122121, AC004987, U75370, AF028823,  X87582, E05822, AK026642, AL122106,  AF210052, AK025375, AK027146,  AF218034, X55446, AB044390, AK027200,  Y14314, A45787, S68736, AF030513,  AL133619, AL050138, Y08769, A18788,  I29004, X66417, AL080124, AL161802,  X98066, AJ001838, AB048913, AF069506,  AL359596, AL080110, AF151109, AR059958,  AF111849, AF017790, AF061795, AF151685,  AF113676, AL353956, X93495, AL117629,  AK026628, AX040958, AK025391, U67958,  AJ299431, AK026744, AL157464, AL117416,  AF130099, AF111847, AL137495, AX019230,  AL133565, A03736, AK026532, A15345,  AF026816, AK000718, AL137463, AF155148,  AK026865, A21103, AL389939, L13297,  AL162008, AF130055, E04233, AF038847,  AF217966, AL359600, AK026746,  AK025541, AK026630, AF109155,  AF132730, AK000753, AX045159, U96683,  AF254119, AL122045, AK025435, </p>
--	--	--	--	---

					AB047904, U72621, AL359618, A30330, A30331, AL080060, AF094850, AL137556, AX046716, AK026057, AB041801, AK000432, X83544, AF132676, AK027161, AF061836, Z13966, Z82022, AB050533, AK026793, AF113222, AL137538, AF218023, AK026927, AK025708, AX006092, AF260566, AJ003118, AL122118, AL359620, AF180525, AF155827, AL117435, AL133606, AX019229, AL137665, AB034701, X72889, I89944, AF113691, AL353745, AL137627, AK025967, E15582, AL137560, X06146, I46765, AK026613, AF153205, AL157479, A93350, U42031, AK025015, AX010492, AL442082, AL133010, X83508, AF242525, AL137537, S54890, AF271350, AK027111, AF116644, AL389983, AK026583, AF218005, AK025099, AL080154, AF111851, AB047953, AK000074, AF200464, AK025092, AK027204, AF242376, AF094480, AB038698, E08631, AF158248, E06743, AK026038, U49434, U78525, AK026526, AC068117, and AC068117.
HBKEE60	249	793788	1 - 607	15 - 621	AW265529, AW265538, AL137220, AL031785, AL133409, AC008166, AC009244, AL008713, AC008069, AC009541, AC083869, AL031054, AF130343, AL450305, AC010084, AL121959, AL135920, AL049743, AC006997, AC006840, AC020630, and AC016491.
HBKEI41	250	827278	1 - 852	15 - 866	BE298619, AI742370, AI951803, AI094102, F21858, AI091054, AI374599, F36653, AA993801, F34314, F26878, AI239603, F19543, AI039195, AI425024, AA182915, F32505, BF671086, F25446, AA970455, AA644519, F26950, T11964, AA181506, BE964512, BE963918, BE964767, AI890806, BE965432, BE891834, BE895765, BE965067, AI623736, AI440238, BF526561, AI858865, AI609593, BG168185, AI823670, AI538885, BE965355, AI589267, AV733105, BF814409, BE965724, AI251830, BF343174, BE613727, AI264741, BF904180, AI611348, AA568405, AI469516, AW083489, AW082600, AW183621, AW192375, BG255465, AW078767, AI560679, BE965121, BF038804, BE965481, AW079432, AI922365, BF798503, AW085667, AI445620, AI536574, BF814360, AI886022, BE964281, BE965281, BF814357, AI918408, AW411043, AI918554, AI423326, AI680467, BG107576, BE621256, BF921092, AA579232, AI421087, AW193134, BE731275, BE964962, AW084194, BE965186, BE875407, AV682067, AI872159, AI866887, AW795428, BF817926, BF910810, AI619781, AI866002, BF911528, BF910849, BE904051, AW583117, AI682968, AW021373, AL040459, AI312428, AI266558, AI493032, BE964986, AI918634, BE048004, AW935969, AL119836, AI624668, AI340519,

				<p>           AV757983, BE964397, AL514823, BE047833,            AW827206, AI611743, AI926593, AA911767,            AL514155, AI684265, AI564188, AI799195,            AI886415, BE964661, AW403717, BE966011,            AW023338, AI867042, AV739574,            AW663332, BE047952, AI690813, AI569328,            AW083804, BE735267, AL036187,            BE743507, BE964497, AI891157, AA738104,            AI922901, AI567582, AW084131, BF527697,            AI784214, BG058150, AI631057, AA420722,            AI431424, BE965758, AI370392, AI860897,            AI358455, BF909758, BE011885, AA176980,            BF750927, AI554343, BE965527, AI802372,            AI361701, BF815228, AW827228, BG252714,            AW673679, BF969126, BF317483, AI584118,            AW021189, BF815196, AV725580, AI366549,            AI636719, BF344652, BE877901, BF339322,            BE884190, AW118508, AW168875,            AI679916, BE966699, AL513999, AV716075,            AI355008, AI520964, BE886995, AI536910,            AI954422, BF793235, AW082033, BE393551,            AI916419, BE964636, AI866110, BE888689,            AI628292, AW130882, BE964959,            AW020095, AI690663, BF672397, AI284509,            AV712838, AI803816, AL036403, AI686631,            BF921291, AI589261, AI453339, AI702527,            BG181066, BE612862, AI433611, BE048179,            BE964154, AI340603, AI690449, AW834325,            AV706219, AW024374, AI590645, AI915295,            BF525853, AI952761, AI674838, AW020381,            AI096771, BG121959, AV681872,            AW059713, BF348329, AA658033,            BG259612, AI539153, AI336495, BF984233,            AI683340, AW022682, BF814761, BF032768,            AI539771, AI284515, BE873944, AI436644,            AL136295, AF207750, AK026522,            AK026597, AF081571, AL080129, I48978,            AL035458, AF116602, S61953, AR075044,            AF178432, A08910, A08909, AF078844,            A08916, I89947, A08913, AL049464,            AF100931, AF113013, AK024538, AF159148,            I89931, Y16258, Y16257, E02756, Y16256,            AK026086, X80340, AR087170, AK027213,            AL133077, AF261883, AK024524,            AX005848, AX005804, AF125949,            AF194030, AL110159, AL355719, AK026959,            U72620, AL389978, AK026642, AL117626,            AK025491, AB052200, AF185576, M92439,            AB019565, AJ250403, AF067790, AL162062,            AL133093, X79812, AF067420, AF113699,            AK026571, E07108, AK025772, AB049758,            AX006092, AL050146, AJ010277, A12297,            I00734, AK026542, AK000652, AF113690,            AL137283, AL162008, AL122050,            AK000432, AL049430, AL359596,            AL117583, AK025414, AK026741,            AF079763, AK000212, AL049466, AL162006,            AL122098, E00617, E00717, E00778,            AF111847, S68736, AL137705, AL050092,            X98834, AF218014, AF207829, AK026480,         </p>
--	--	--	--	---

					<p>AF110640, AF114818, AK027146, AB052191, AL389935, AR011880, AR038854, AF116631, AL390167, Y16645, AF097996, I48979, AK025967, AK027164, AL096744, AL442072, A08912, AL080137, AF090901, AL137284, A08911, AK026865, Y18680, A18777, A57389, AF116644, AF132205, AL049283, AL110196, AK000445, AB041801, AK027161, AL122111, AB044390, AF219137, AB047869, AB050431, S77771, AK000391, AL050393, AX006386, AF085809, U42766, AF079765, AK027136, X72889, A08907, AL049324, AF116676, AR083266, AB051158, A08908, Z72491, AF111851, AK000618, AL137648, AJ242859, X52128, AL117394, U89295, S76508, AK026592, Y10655, AK027105, AL133104, AK024594, AF218034, AF116639, AX046603, AL133081, AF109683, AF305835, AK000421, AF130075, AK025524, AL162085, U91329, AF061943, AK026506, I89934, U00763, AL080060, AF113694, AK027116, AF090934, AL050277, L13297, AL133080, AF087943, AR070212, AK025958, AK024974, AF242376, AX011676, AL050108, AL359620, S79832, AK000647, AL133072, X65873, AF022363, AL122121, AK026631, AL359618, AF113691, AB049848, AB049892, AK027113, AF130066, AF017437, AK026504, Y10823, I09360, AF119875, AF159141, X60786, AF065135, AL049382, AK026045, AL049314, AK024747, AK026947, E01812, AB048974, AK026784, AF153205, AF044221, AB048995, AK025312, AF113676, AF158248, AF177401, AL133568, AL122093, AL122123, AK000486, A93016, AB050510, AL137463, AF111112, M27260, AF091084, AF100781, AL122049, AF118064, AL137557, AB048964, AK025391, AX047644, AF118070, AF116610, AK026583, AB047615, AF130054, AK025906, and AL136295.</p>
HBMBD51	251	842176	1 - 3043	15 - 3057	<p>Z78314, BE263879, BE266907, BF868805, AU140848, AA287173, AW504179, AW503223, BF849942, BF869668, T81745, BE843450, AW409026, BE744403, BF850653, AA065323, BE741896, BE778075, BF155291, AW409956, AU126061, AU128885, AV753500, BF979765, AL528463, BE544570, BE798211, AA065249, R98242, AI570791, AL514395, AI904953, AW376113, AA300819, BF689587, AU142300, BE795750, AA361962, BG113906, BF317486, BE886342, AI417052, T61453, AW502847, BF971887, AI656450, AI962266, AA065271, AW959158, BE389514, BE277293, AW503332, AW178929, BE277043, AW390410, AU138524, AA143080, AI678308, N89616, BF308243, AA224211, BF205035,</p>

					<p>AW274802, AW163788, AW297768, AU076553, AL516594, AL528421, U80748, BE465850, BG029449, BF435093, BF435038, BF940719, U80749, BF448390, BG033353, BG029396, AW008513, BG027457, BG034357, AA065280, AV724391, AA065279, AU136926, AW073904, BE261509, BE439571, BG033789, BF973305, AW583970, BE019224, Z78311, BF846253, AV655848, AI953521, W27397, AI888099, AL359614, U80747, AF223572, Z36807, AF152102, AF087653, AF126749, AF126748, U80889, U23863, U80893, U70651, AR002264, AR002263, AF020275, U70652, U80742, D83783, AF117755, AF071309, U87960, U70653, U70654, X83546, AC069019, AB018488, AB007820, AF132033, AF217413, U80891, M34960, AX002276, AJ131894, M55654, AX002278, AX002277, AJ225123, AF028737, AC004552, L49355, AB018491, AF125313, AJ002238, U80892, AF216186, AB009843, L11357, Z22828, X82209, AC002053, D26046, AC000105, X54993, U80743, AF197950, AL031591, AL137275, AF290954, AR002266, AR002265, AL031259, AR002267, L28819, AF290953, X66602, AC004032, AJ251016, M88300, AC021063, U94177, U75701, L49359, L10378, AF010227, U80737, AJ000501, U64822, AR059514, U63332, AB019258, AF099097, AF016031, L47974, M93310, AF012108, AX015907, S64648, M27423, AR002262, AC002326, AL009031, A64843, AF110751, AB035726, I09510, X69666, M23264, I09480, I09511, M20133, and AJ133270.</p>
HBMBD73	252	839564	1 - 5265	15 - 5279	<p>AU130064, AU122495, BF342606, AU143201, BE789084, BG036578, AW381964, AW381972, BE907460, BG113427, BE738528, BE778824, AW381992, BF792264, AW381988, BE882254, AW579717, BE785641, AU135407, AI953700, BF239213, AW381963, AW393939, AW381975, BF349981, AA129773, AW579711, AW381982, AW381985, BF036502, BF940174, BE147911, BE883012, AI065026, AV652097, AW393941, AW381967, BF508591, AW579716, BF969914, AU137100, AW969104, AW393940, AW182944, AW362021, AW379020, BF969555, AW381989, AW390789, BG251235, AW390811, BF381645, AW378656, BG180227, BF970259, BF692396, AW379002, AA195999, AW578882, BF349980, AV705328, AI346928, BE882378, AI963488, AW166930, AI911264, AW182486, BE883254, AW370698, BE548265, BF349954, AI703111, BE148055, AW452785, AI654136, AA102563,</p>

				AW381981, AA115147, AL042341, BG119297, BF478193, W80986, BE550510, BF836386, AW362056, BE222144, BF890938, AW298105, AW501570, BF216676, AV686595, AI391661, BF830663, AI608850, AW957259, AW500174, AW360843, AI245957, AI734964, BE564158, BF349965, BE222067, AU148061, AI421522, AA196114, BE737777, BF224139, AU152099, BF830711, BF434653, AW379027, BE138828, N34261, AW499629, AA425410, AA426433, AW390792, BG113126, AW378702, AW390773, BG231668, BF439911, AL134905, AW004892, AI984632, AW072805, AI478570, BF836378, AA235927, BF830665, AW500181, BF834089, BF059606, AI686365, AI810372, AW192576, BE466784, BF573028, BF059167, AA780346, AA868899, AI651864, BG223469, AW753568, AI221567, BF834094, N22763, AA946999, AA844716, AW271813, AI033078, AI766225, AI525639, W44318, AI242552, N78159, BE002854, BG054502, BF446352, AI400828, AL120809, BE538229, AI830276, W81089, BF961740, BF836427, BF830664, AA131946, W39045, AW269985, BF362043, BF830590, AI094991, BF090126, AW770462, AI359742, AW236409, AA133269, BF835759, AA725200, AI590844, BF834082, AI633922, AW969718, AA683077, AW337890, N20840, AI377014, AL119515, AI085910, BF086955, BF959103, AA355117, AW514271, AI568775, AI817350, AW753068, AA402005, AW235274, BE868799, AI374665, AA564326, AI825192, AU156025, AW405625, BE465188, N20385, BF893225, BE566725, AA132343, AI637478, N91405, AI760482, BF475497, BE769263, N69377, AI453243, BE315316, N27677, H99571, AI565558, AI635544, AI206302, AI963479, BF748000, BE939142, AA393052, AA425306, AA565292, AI249796, AA744733, AW087662, BE464376, AW370457, BF834128, AW237149, AI687119, AI673751, AA152467, AA719952, AP000555, Z11695, Z11694, M84489, AP000554, AR016532, Z14089, D10939, X58712, A84425, A84443, AL157438, AP000553, A74400, D87266, D87265, A74458, D87270, D87267, D87269, D87264, T65113, T65180, T71282, T71418, T74981, T91016, T84310, R01270, R01306, R01384, R13100, R17311, R19611, R21327, R40532, R41990, R42994, R43577, R46373, R47932, R48040, R41990, R42994, R43577, R46373, R40532, R59518, R69809, R69810, H09163, H09220, H25095, H38727, R84860, R85791, R91210, H50696, H50792, H71995, H85140, H89923, H91968, H99468, N20571, N24215, N25448, N25660, N28960, N39514, N57186, N62860, N73710, N77766, N78557,
--	--	--	--	--



					W05302, W45094, W45146, W45690, N89787, AA033567, AA034172, AA115373, AA120887, AA131945, AA136252, AA152466, AA192373, AA192284, AA236149, AA236117, AA280735, AA483547, AA505768, AA582754, AA604950, AA613002, AA631829, AA574122, AA824564, AA834414, AA936073, AA947344, AA953916, AA975910, N55728, U46391, W23158, AA092598, C16380, AA091761, AA248420, AA398473, AA412726, AA449242, AA449371, AA476224, AA476225, Z19910, AA769812, AA776590, AA773082, AA909215, AA954489, AA972486, AA992534, T03868, Z38733, Z42546, Z43432, Z44325, F02817, and F02913.
HBMBE33	253	493916	1 - 917	15 - 931	AA845560, BF791539, AV732393, AW951281, AW071825, and AF217991.
HBMBM17	254	637518	1 - 1148	15 - 1162	AI890324, AV756491, AA524229, AA760655, AL042753, AV706945, BF725761, AW084445, AW237905, AW068596, AV762633, AI613389, AV760391, BF902572, BE252421, AV760389, AA916430, AV759149, AA488689, AI358333, AW963474, BE062159, AV759518, AI419337, BF868994, H07953, AV760560, AA502991, BE882869, AI251034, AI291439, AW855643, AI537995, AI130709, AV760466, BF915535, AI300054, AI814682, AW303098, AA489240, BE139139, AW301771, AI284092, BF337291, AW851816, AI361090, BE043997, AI362442, BF342223, AW148775, AI962030, AA411849, AC006285, AL021393, AL133289, AC023880, AL450226, AL391839, AC002369, AL031767, Z82206, AP000547, AL450224, Z99755, AL137039, AC005089, AL354720, AC005399, AC008267, AL121574, AC004824, AC007465, AC005052, AL162724, AC004815, AC006322, AP000065, AC005225, AC011495, AC006539, AL109930, AP001688, AL356376, U91318, AC002549, AC025593, AC011497, AF038458, Z95331, Z82201, AC024561, AC002472, AC004966, AL020997, AC006994, AL137139, AC007383, AC004106, AC007597, AL021918, AC068799, Z84466, AF109907, AC010422, AC008699, Z73359, AC007993, AC004000, AC011442, AL137802, AF053356, AP001714, AL109935, AC005529, AC005476, U52111, AL122013, AC016025, AC025588, AC000025, AC005295, AC007263, AC004893, AC006028, AL137060, AC000086, AC005411, U89335, AC004552, AL109984, AL109753, AC083866, AC004491, AL499629, AC027644, AC004167, AC007406, AC002350, AF051976, AF196779, AP000344, D88270, AC005011, AC006449, AC005363,

					<p>AF111169, AC009509, AC002404, AC005527, AC008750, AL121952, AC008518, AC008784, AP000031, Z98742, AC007172, AC008745, AL121583, AF001549, Z83840, Z93015, AL049696, AC002067, AL160406, AL133405, AL035072, AL354776, AC012351, AC003959, Z83844, AC004638, AP001760, Z82173, AP000103, AC002347, AC011742, AL353643, AC010504, AC007314, AL009181, AC007011, AC009502, AL133404, AC004953, AC006530, AL096791, AL356379, AL360227, AC005479, AF243527, AL137145, AP000555, AC008543, AC007207, AC005972, AL133264, AL031282, Z98946, AL161936, AC004858, AL034372, AC006388, AC005013, AC004884, AL139387, AC004804, AC007365, AL080317, AP001709, AP001724, AP001717, AL049856, AL034350, AL390298, AL138707, AL022322, AC010326, AP001698, AC008626, L44140, AL022333, U82828, AL158198, AL080243, AL117694, U62317, AC004832, AL031283, AL133325, AP000213, AC002300, AC006571, U82668, AL035458, AP000135, AL096840, AL139092, AC020906, AC006960, AC012318, AC007193, AC016652, AL136097, AC008155, AC026776, AL031427, AL133545, AC005486, AC005261, AC007899, AL353140, AC006965, AB022785, AC027345, AJ400877, AC012502, AP001603, AL031121, AC005746, AL022326, AC009492, AC006509, AC018644, AC011464, AC006088, AP002085, AC003085, AL136124, AC023485, AL121653, AC005081, AC008975, AC005670, AL121890, AC004686, AC008969, AL357172, AC002565, Z98051, AL034417, and Z84484.</p>
HBMCL59	255	608668	1 - 793	15 - 807	<p>AI554296, AI220618, AL045943, AI016828, AC073898, AC011484, AC004134, AC021458, AC021458, AC021458, AP002455, AP002455, and AP002455.</p>
HBMCM96	256	821318	1 - 2270	15 - 2284	<p>AL042626, BG013983, BG029528, AW408756, T06598, W96522, AA315361, AI348780, BE315483, BF870708, U91318, AL096791, AC068799, AP001724, AL137139, AL365367, AB017653, AL163209, AC007963, AL162615, AC005846, AC005234, AP001715, AC010203, AC018639, AL163301, AF196969, AC007620, AL050335, AL035695, AC005972, AL355499, AC005701, AC002045, AC007739, AP000493, AC007690, AC008155, Z83826, AC018797, AC011455, AP000688, AC005244, AC006576, AP000107, AL022163, AL138828, AL121578, AL031311, AC006536, AC005078, AC006111, AC002543, AL035420, Z97054, AC005304, AF224669, AJ006997, AC004817, AC002527, AP000044,</p>

0950083-091201

					AP000112, AC008392, AL034351, AC005683, AC069248, AP001694, AC026184, AF001550, AC004104, AL157713, AP001710, AC010488, AC010488, U91318, U91318, and U91318.
HBMQC74	257	856461	1 - 4029	15 - 4043	BE748853, BE739497, AV717079, AW966911, BG031304, BF970551, BG257314, BG260738, BF035418, AW967532, BG170769, AV725834, BE882544, BG114010, AW967997, AV725306, AW961735, BE889840, BF917737, BG169707, AV707782, BG249444, BG165273, BF671676, BE888888, BG036845, BF245437, BE748262, AW193689, BG256230, AV658432, AW963689, AI890564, BF575329, AV703114, BF512200, BE885637, AV725214, BF574322, BG169220, BF207749, AW022949, BE567009, BG248901, AV725506, BF701206, BF790641, BF694123, BG169109, BG169797, N31913, BF382782, AW364771, AI768379, AW188047, BF575422, BE566229, AA058763, BE870264, BE894717, AI127301, BG178051, BF132983, BG253653, AW959283, AW058616, AA044759, W61027, AV715014, AA534631, AI446741, BF673008, BF940136, AV755669, AW009567, AI700955, AW474442, AA131516, BE739232, AW298345, AI675443, AI089245, AW235538, AW842648, BF790715, N24245, AI087348, BF215091, N20943, BF208572, BF109734, AW298784, N24739, BF029055, AW152450, AI088458, AA009580, AA946818, AI373559, AI708128, AA405782, AI335731, AI494155, AI284451, AA551214, AW501069, AI373932, AW079066, AI095814, AA024880, AW474110, BE568176, AI735417, N27812, AI680232, BF693989, AA043706, W19517, AA912150, AW503575, AI335719, AI863012, BE350574, AA975391, H97905, AW192691, AW131326, AW511021, BF239123, AI474108, BF132643, BF476664, AA121932, BE221248, AI978647, AI038337, AA829529, AI219954, AI444995, N90798, BF445250, AI494091, BF665239, AI953541, AI049953, AI831608, AI374656, AA969206, AI668792, AA043707, AI625592, AI589388, AI269869, R71361, W42585, AW337966, AW080027, N20065, AA564419, AA236045, AW090269, AI800738, BF575019, AW661836, AW058462, AA056622, AA027016, BF477608, AI049664, AA405717, AI817472, AI032596, BE865810, AA602636, AA830195, AA057198, AA913043, AA806013, D82668, AW469000, AI813272, AA181911, AA825687, BG169178, BF241808, AA045660, AA806407, BF671972, AI214550, AV727254, AW338399, AA804875, AA262821, BF809809, AA009581, AI636741, AW874100, AI082671, AI985666, BE184401, R71441, AI208195,

					AA211361, AA121933, F36556, R71454, AA831290, AA045661, AA024840, AW768341, BG122512, BE958450, BE774888, AA037851, AA829014, AA831131, AV742890, AV696804, AA262820, AI001035, AA318387, AA043509, W42471, BE009438, N38893, AA130548, AA661563, AV739417, T36143, AA991200, AI092122, H21527, AA780189, AA347713, AA642037, AI565913, C04723, AI867975, AA361316, AW243342, AA354241, H85514, AA595519, AA740918, AW440371, T35496, AA026834, AW074643, AA357498, BE973888, AB007888, Y13829, AF255334, AF231110, R27887, R73760, H68816, H96323, N28410, N42698, W47448, AA037850, AA039261, AA044330, AA057150, AA065134, AA215753, AA236137, AC011859, AC011859, AC011859, AC069242, AC069242, AC069242, AC068636, AC068636, AC078804, AC078804, and AC078804.
HBMCQ74	258	864382	1 - 4030	15 - 4044	BE748853, BE739497, AV717079, AW966911, BG031304, BF970551, BG257314, BG260738, BF035418, BG170769, AV725834, BE882544, AW967532, AW967997, AV725306, AW961735, BG114010, BE889840, BF917737, BG169707, AV707782, BG165273, BF671676, BE888888, BG249444, BG036845, BF245437, BE748262, BG256230, AV658432, AW963689, AI890564, AW193689, BF575329, AV703114, BF512200, BE885637, AV725214, BF574322, BG169220, BF207749, AW022949, BE567009, BG248901, AV725506, BF701206, BF790641, BF694123, BG169109, BG169797, N31913, BF382782, AW364771, AI768379, BF575422, BE566229, AA058763, BE894717, AW188047, AI127301, BG178051, BF132983, BE870264, BG253653, AW959283, AW058616, AA044759, W61027, AV715014, AI446741, BF673008, AV755669, AA131516, BE739232, AA534631, AW298345, AI089245, BF940136, AW009567, AW842648, BF790715, AI700955, AW474442, N24245, BF215091, BF208572, AI675443, AW298784, AW235538, BF029055, AW152450, AA009580, AI373559, AA405782, AI494155, N20943, AI284451, AI087348, AW501069, AI373932, AW079066, AI095814, BF109734, N24739, AA024880, AI088458, BE568176, N27812, AI680232, AA946818, AI708128, AI335731, BF693989, AW474110, W19517, AA551214, AA912150, AW503575, AI335719, AA043706, AI735417, AW511021, R71361, BF239123, AI474108, BF132643, AA121932, AA829529, AI863012, H97905, AI219954, BE350574, N90798, AA975391, BF665239, AW192691, AW131326, AA969206,

					<p>BF476664, BE221248, AI978647, AI038337, AW090269, AI444995, AI269869, BF445250, AI494091, AI953541, AW337966, AW080027, AI049953, AI800738, BF575019, AI831608, AW058462, AI374656, AA027016, AI668792, AI032596, AA043707, BE865810, AA602636, AI589388, AA830195, AA045660, AA913043, AI625592, W42585, AA806013, AA236045, AA564419, AW469000, AW661836, BG169178, AI817472, AA056622, BF477608, AI049664, AA405717, BF241808, AA057198, BF671972, D82668, AV727254, AI813272, AA262821, AA181911, AA825687, R71441, N20065, AI082671, AA806407, AI985666, R71454, BE184401, AW338399, AA804875, AI208195, BF809809, AA211361, AI636741, AW874100, F36556, AA121933, AA024840, BG122512, BE958450, BE774888, AA037851, AA045661, AA829014, AA831131, AA831290, AV742890, AI214550, AV696804, AW768341, AA262820, AA318387, AA009581, AI001035, BE009438, N38893, AA043509, AA130548, T36143, AI092122, AA347713, AA642037, C04723, AV739417, AA661563, AA361316, H21527, AA991200, AA780189, AA354241, AV740209, H85514, AA595519, AA740918, AI867975, AI565913, T35496, AA026834, AA357498, BE973888, Z19457, AW243342, AW440371, AB007888, Y13829, AF255334, AF231110, R27887, R73760, H68816, H96323, N28410, N42698, W47448, AA037850, AA039261, AA044330, AA057150, AA065134, AA215753, AA236137, AC011859, AC011859, AC011859, AC069242, AC069242, AC069242, AC068636, AC068636, AC078804, AC078804, and AC078804.</p>
HBMCT40	259	824053	1 - 697	15 - 711	<p>AV656238, AI138612, AI084786, AI122281, AI857642, BE856746, AA576976, BE300994, AI814439, AW007758, AA614328, AA398266, AA705821, AW029132, AI222818, AI935132, BF037337, AW070541, AU148132, AI624257, AI582213, AI131062, AI694240, AW517068, N29984, AI820033, BF966056, AI360344, AI688349, AI435143, AI394500, BF795416, BF111964, AI860428, AI160318, AI582376, AI950515, BG236028, AW194430, AW264570, AI879588, AA643227, AI813910, AI754189, AI869669, AI500411, AW194445, AI952259, AW008344, AI351136, BF690320, AI497687, AA991796, BF438467, AI299383, N32745, AA434392, AI948642, AA477509, AA565934, AA428653, AI057169, R69038, AA878173, BE675270, AW780293, AA765797, AI016933, AW591234, T33461, R44093, AI690569, F24523, H94259, AA731192, H07102, AI868018, W80788, AI018508, AA758326, D12098, BE795735, AA804972,</p>

					W75980, AA919137, AI147789, AI279133, W31240, AI039997, AA235765, AI087267, AA434488, H03429, AI291155, AA934566, T33268, AA477094, AI351554, AW103797, AI372448, BF476065, BE164867, AI674271, AI000816, N26961, AI245515, AI857365, AW130354, H03510, H58738, AI208054, AA877119, F35984, AA317828, H17069, AA401313, BE672769, W70284, AA604219, AA291738, AA770585, BE886473, AI372450, AA626546, T30890, N91806, R69039, AI220140, AI003476, AA954071, H73092, AW198118, H75743, AI740526, AA988786, AA155602, BG230473, AI263128, T91260, AA560004, AW027186, AI561049, H69783, AA027355, BF109641, AA782085, T90073, R26291, AW169408, AW270906, H73091, Z19238, AI926749, AW016182, AA187558, BE092969, R24483, AA399437, H58349, AA528067, AA196651, H70959, H12546, BE313618, R96679, AA653123, AA770586, C14386, N23162, BE074134, AA723335, R25466, AU146225, H39674, BE092907, AW271324, N36325, BE741283, AW382817, BE781093, AA130277, BE868776, AA196532, N63119, BF037974, AA247287, BF950603, T85697, H75877, H94160, R96632, C14362, AI244492, F33050, AA918082, BE159577, BE745581, C14481, Z19239, AA432338, AL122114, AL137666, AL096840, D86987, AK001189, AK022453, AK021947, AL096840, and AL096840.
HBMDM08	260	837927	1 - 1099	15 - 1113	BE259531, BE903903, AV757184, BG141370, BF035245, BF975496, BE378404, AW157052, BE384205, BF670417, BE303033, BF038328, BE298023, BE302913, BF974533, BE783627, AW163018, BF026965, AV702382, AA987525, BF724795, N25803, BF211212, AA604887, AW958209, AI880532, AI601259, AI089984, AW957998, AA180806, BF185776, AA180963, AI815801, AA180860, BF939797, AA398674, AA864714, AI031642, AA278906, AV702862, AW583452, AA658952, AV707212, AA863377, AA633493, AI141506, AI126545, AA393320, AV748966, AA640281, AW583818, AA437198, AI022529, AA402724, AI200534, BE394751, AA846171, AW043945, AI032115, BE772759, AA757604, AA426386, N34190, N40925, T67791, AA040182, AI041768, AI082174, BE972562, AV758984, AI362125, AI741371, AA132547, AA446575, AI815498, BF916626, AW080847, BF792743, AA481007, BF968016, BE718780, AA040183, AW351842, AA148895, AA446702, N52848, BE327989, AI887556, AW351841, AI925487, AI309035, N46781, H39613, AV708248, AA468658, AA927545, AI222894, AV653963, AV764520, AI927388, AV741033, AI351169, AA512888, AA374237, AA171748,

0950083 091201

					BF794758, AA235713, T67715, R99057, BE873731, W16649, AA045339, AA862986, H66800, AV661418, N99739, BE936443, AA148894, AW130836, AA278491, AA740144, N43878, AV692875, N33487, BF034240, BF593880, T17238, R44032, AI537218, R40417, W74320, H82566, BG255245, AW805336, BE772763, BE388370, AI220692, BF879935, AI183854, W00346, N72587, AA045427, R99255, AA729279, AA317693, H66799, R13032, BF109053, H71276, BE935546, AI205908, BE935583, AA317043, AW085572, N36946, AA446448, N25591, AA601587, AA180948, H63147, H70877, N58714, AA568818, BF669043, R01709, Z43161, H63065, BF679894, H85215, AA132670, BF378988, AA292603, BE003971, AA548668, AA171964, BE535179, T79110, F08728, R19045, T78627, T35693, BE774786, AA937494, AA356841, T33177, AI074759, F05013, N78744, AL534818, AA302138, T78578, H09886, R11704, Z39241, Z43061, BF211394, N54273, BE812809, BF434618, AA302232, BE834365, H21000, R02652, AA558126, AA382256, AV751639, BE812806, BE812811, AI613159, BE743022, AA088748, H40218, BE745003, C02153, BE899139, BE910408, R86089, N91384, H08483, N36509, T99389, H30128, BF087725, H55598, AA428348, BE009230, AI802014, AI700616, AA425832, AI188461, AA883506, AA975799, W02190, BF033938, AA622064, AA927534, BF736658, AA481746, AA161021, AA455697, W17376, BE064571, H11358, BF836158, AI143094, AI870131, AI630764, AW947191, AW947202, T10523, AF157321, AX017469, AX017599, AC007999, and AK022202.
HBMSN62	261	787680	1 - 968	15 - 982	AW303421, AI744726, BG058609, BF674057, AI683213, AW293832, AI343356, AW008522, AI417082, AI085617, AW237393, AW879355, BE221453, AA650605, AI310740, AW075895, AA769704, AA983766, BE180113, AW071527, AW052012, AI708107, AI149598, W68262, W68261, AA889327, AA974986, AA402605, AI640639, BF431572, AA765574, AI522218, AW514666, AI352181, AI916010, BF512347, AA825838, AA974778, R33117, AA279931, AW957121, T03320, R63547, AI587243, R32932, AI784648, AW452303, AW166597, R33268, T94426, AI784290, C20564, BF590029, R32829, AA748754, R63502, D45619, AW058637, R42783, AI824252, T90550, BE843678, BE180426, AL513865, AC006445, AK025361, AL137652, AB037748, AC006445, and AC006445.
HBMSO30	262	843389	1 - 764	15 - 778	AV702427, AV725927, AV727932,

					<p> AV701611, AV723449, AV730781,  AV751921, AV706746, AV704974,  AV731744, AV731313, AV752043,  AV706724, AV752443, AV731708,  AV732353, AV730547, AV706183,  AV709407, AV659189, AV726505,  AV704592, AV707783, AV702798,  AV745415, AV728270, AV710534,  AV731915, AV726674, AV662191,  AV732149, AV752447, AV726067,  AV728777, AV725369, AV731977,  AV732002, AV730288, AV746276,  AV706104, AV730711, AV751555,  AV731043, AV731694, AV753374,  AV707686, AV701320, AV702637,  AV729983, AV731759, AV752993,  AV730165, AV751573, AV732653,  AV730171, AV732200, AV705020,  AV647654, AV732155, AV731275,  AV711496, AV701237, AV730816,  AV727103, AV656240, AV732255,  AV710825, AV732089, AV707088,  AV710495, AV710906, AV702498,  AV710375, AV757887, AV727355,  AV702409, AV705263, AV757088,  AV723195, AV652156, AV756053,  AV728872, AV711240, AV711567,  AV758481, AV733303, AV756895,  AV703591, AV729129, AV758133,  AV761002, AV710417, AV731884,  AV746382, AV723452, AV755874,  AV706035, AV730456, AV730778,  AV650367, AV702354, AV706814,  AV703417, AV714368, AV706662,  AV687176, AV702671, AV701783,  AV757553, AV702537, AV707685,  AV728249, AV707948, AV707589,  AV705234, AV702026, AV707171,  AV658362, AV755714, AV708809,  AV759183, AV763171, AV758003,  AV706889, AV645778, AV728844,  AV703012, AV707117, AV761270,  AV710938, AV726754, AV706047,  AV760693, AV730859, AV763669,  AV702958, AV704611, AV704916,  AV706989, AV730866, AV703232,  AV697638, AV757864, AV699148,  AV705504, AV729568, AV745906,  AV732746, AV725152, AV760049,  AV706899, AV758022, AV704116,  AV703367, AV656004, AV757671,  AV705343, AV705866, AV724987,  AV743303, AV752684, AV722093,  AV706891, AV726624, AV711185,  AV709356, AV701728, AV702787,  AV729357, AV701410, AV728715,  AV702869, AV756897, AV702954,  AV704279, AV726830, AV726480,  AV721318, AV726738, AV709025,  AV704981, AV706357, AV726781, </p>
--	--	--	--	--	---



				<p> AV709935, AV699156, AV730018,  AV713377, AV730635, AV739275,  AV718086, AV652808, AV757686,  AV733842, AV712326, AV701499,  AV737377, AV711274, AV755473,  AV718341, AV707690, AV706394,  AV728884, AV705532, AV701586,  AV702581, AV733247, AV693117,  AV706683, AV706290, AV704924,  AV731653, AV756688, AV725387,  AV757262, AV733901, AV721645,  AV725568, AV710146, AV701626,  AV758766, AV757281, AV726392,  AV706234, AV652547, AV731588,  AV706453, AV702721, AV732780,  AV646736, AV729220, AV737380,  AV746052, AV722749, AV757673,  AV707798, AV702984, AV727347,  AV725281, AV713137, AV728289,  AV727576, AV704378, AV757618,  AV763786, AV713141, AV733811,  AV757171, AV755335, AV731862,  AV758384, AR079804, AX020190,  AR091393, AR088705, AR017907, I66487,  AX008555, AX035462, I13349, I66485,  AX032758, A91965, AX035980, AX009712,  X81969, I66498, I66495, I66494, I66497,  I66496, I66486, I66488, I66489, I66490,  I66491, I66492, I66493, AX046332, I66481,  AR089207, AR089206, AR089208,  AR089205, A83642, A83643, I66482, I66483,  I66484, A83151, I44681, A91752, I08196,  A32110, AX006823, AR028564, A58524,  A58523, AX021518, A60961, AR075286,  I05488, AX008865, AX008867, AX006821,  AR067731, AX008868, AR067732, A84772,  A86792, A58522, A20702, AR027319,  AR062872, A91751, AX042372, A84776,  A60977, A84773, A84775, AR062873,  AR027318, A60985, A43189, A84774,  A43188, AX003194, A60990, A64973,  A60987, I63560, I63561, I63563, AR091716,  AR002333, A29109, A32111, AR069362,  A68112, A68104, A06419, A21892,  AX033247, A23997, AX033249, A68114,  A76773, A89633, A89634, A22413,  AX027908, AX027904, A25909, AX027906,  AR037157, AR054109, A21895, AX008265,  A05160, A08030, A20502, AR073846,  A47368, I19516, I19517, AR062871,  AR080280, AR069364, AX026824,  AX026823, AR009152, AR009151,  AX006825, AX006826, E14304, AX006822,  I08776, A81878, AR069374, I25027, A38214,  AR069426, AR069375, I26929, I56772,  I95540, I44515, I26928, I26930, I26927,  I44516, AX006030, AX001082, E16678,  AR093385, I25041, A98767, AX006816,  AR093392, A20700, I15353, A93963, A93964,  AX027815, A95096, A95106, A95105, </p>
--	--	--	--	---

					<p>A92133, I07249, AR068508, AR068510, AR068509, A63954, AR091571, AR085090, I58322, I58323, AR003585, A91750, AR035975, AR035974, AR035977, AR035976, AR035978, I08051, A58521, A91754, AX026821, AR031374, AR031375, AX001325, AX001326, AX001323, AX001324, AR020969, AX006017, AX006002, AX009487, AK026683, AX001322, AR085082, AR085089, AR085091, E12584, AR085079, A49700, AR085083, AR038762, AR038855, Y16359, D78345, A92666, A92668, A92667, A92665, I18895, AX047064, U94592, A85395, A85476, AX028305, AJ244005, AJ244004, AR036903, A90655, AJ244003, I01987, AX032992, AX032993, I63120, AR008429, A98420, A98423, A98432, A98436, A98417, A98427, Y09813, X83865, I15717, I15718, AJ244007, M28262, A93016, A18053, AX011024, I08396, A60212, A60209, A60210, A60211, AR096545, AR031566, E03627, I48927, AR069650, A02712, A77094, A77095, AR080470, AR077142, AC078894, AC025781, AC026815, AC027034, AC027035, AC034258, AC066689, AC068924, AC069474, AC073555, AC078893, AC024261, AC068667, AC073166, AC074226, AC027036, AC026757, AC027037, AC077693, AC074196, and AC078898.</p>
HBM50	263	609988	1 - 1220	15 - 1234	<p>AV762129, AW082117, AI132963, AL037910, AL040382, AA584148, AI053445, AA652813, AV762047, AW600804, AW832962, AA557486, AI859834, AA525998, AI612111, AL079869, AW075979, AW962942, AW302709, BE974081, AW402458, AA101744, BF693906, BE386554, AW946306, AA494038, BF475757, AW958600, AI436378, AI865213, AI343143, AA553448, AU148047, AA501614, AV758989, AW169581, AI889921, AI754013, AA600136, AI754291, BE151470, AI754923, AW576287, AV763418, AV759935, BG222450, AW979140, N22032, AW117976, AW591443, AL135698, AI446474, AW970919, AW953071, AI284583, AL121210, AL121143, AA812094, BE155080, AA526193, AL039041, AL039042, AI815583, AA435967, AI816537, AV713291, AW675110, AA533408, AU146929, BE150087, AI564508, AA579179, AA663966, AA371570, AW850885, BF980853, AI251111, AW970962, AA812058, AI758582, AL045709, AW517716, AF246229, AI633021, BE302974, AW029576, AA857381, AW819626, AW973400, AI888405, AI524540, BF475949, AV710245, AW975164, AI753267, AW302048, AW192330,</p>

095008 091201

				<p>           AW499885, AI597832, AA508873, AI679713,            AW513195, AI370475, AI872503, R92640,            AV734476, AA448838, AI889356, AI979005,            AI307201, AA453558, AW022317,            AW272763, R83097, AI282661, BF964699,            AI433247, AA342681, AW473546,            AW473881, AI832865, BF868994, AA642053,            T05641, AU146086, AI174230, AA628627,            AI064811, BE300645, AI287964, AA830594,            AW188976, N67444, AW875130, AA225915,            AW571558, AA716755, AU144449,            AV761519, AL137073, AL133211,            AL161670, AC005839, AC006211,            AL110502, AF053356, AC008733, AF129756,            AL035455, AL117333, AF196969, AC003025,            AL132713, AL137784, AC006006,            AD000813, Z82171, AP001678, AP000113,            AC009228, AC005899, AP001207,            AC004650, AL138741, AC004638,            AC004228, AC020916, AF139813,            AC005740, AC008444, AC007388,            AC009087, AC005859, AC073316,            AC010504, AC004477, AC009194,            AC002375, AL008721, AC003662,            AL109806, AC007182, AL445490, U95740,            AL391684, AB014079, Z68162, AL031727,            AC022148, AL353194, AL031848,            AC008521, AC008784, AC008745,            AL109865, AL121981, AC003042,            AC005701, AC006236, AC006967,            AL133448, AC010311, AC002425,            AC004826, AC025593, AC004522,            AP000512, U91326, AC004813, AL121914,            AL136984, AC006483, AL139109, AL133245,            AL109953, AC020663, AP001819, AC004584,            AC003982, AC018801, AC008736,            AC006251, AP001254, AF240628, AC008795,            AL136303, AC001228, AJ009616, AC004816,            AC005327, AL158040, AC083875,            AC008482, AC004706, AC005856,            AL162272, AC005103, AP000300, AF047825,            AP000302, AL121899, AC009311, Z99943,            AL121949, AC008750, Z93244, Z98200,            U51281, AC011894, AC005488, AL133246,            AL022320, AC005551, AP001727, AC007739,            AL445687, AC005480, AL121989,            AC006084, AC004996, AC004823,            AC002347, AC022402, AC005003,            AL121926, AL022238, AL021937, AC011500,            Z95331, AC004955, L44140, AL121653,            AL354750, AL136365, AC005789,            AC011442, AC010205, AL136992,            AL136362, AP001712, AC002544, AB020865,            AF095901, AC005409, AC005768, AL020995,            AL121586, AC008474, AC004820,            AL022165, AC000003, AC008543,            AC004150, AC002418, AC006372,            AC016620, AC005291, AP000114, AP000046,            AC005052, AC020633, AC003002, Z83840,            AC003101, AC006334, AL109627,         </p>
--	--	--	--	---

					<p>AL354720, AC002301, AC007298, AC005593, AL133162, AC010553, AC011455, AC006077, Z85987, AC006480, AC005874, AF134471, AC006130, AL049780, AL109965, AC011464, Z82172, AL034417, AC009509, AF111169, Z99716, AL138706, AC004686, AL031650, AC005261, AC006071, AL136450, AC008984, AL133453, AL022333, AB023049, AC008747, AJ295844, AC011495, AL161627, AP001631, AC034242, AC005954, AL359555, AL121747, AP000045, AC004965, AL035072, AL136295, AC005399, AC018637, AC004655, AC008753, AP001753, AC009464, AL008718, AL031311, AC019046, AL034423, AF104670, AF051976, AC083866, AC005386, AL135978, AL078591, AC004685, AC008403, AL354696, Z82190, AC003098, AC007688, AC010328, Z98036, AC004386, AC005479, AC005781, AC005225, AC002350, AL078461, AL445435, AC018719, AP000694, AL035669, AF196779, AC002365, AC005678, AC008555, AL022316, AL137073, AL137073, AL360081, and AL360081.</p>
HBMUD59	264	701970	1 - 862	15 - 876	<p>AL527273, AI636233, AW955027, BE386543, BG231851, AI824084, AA677521, AI769804, AI769744, AA041310, AI652943, AA029713, AW001115, AI942487, AW572166, AI804865, AW083829, AI285006, AA431600, AW003475, AW444480, AW297740, AW295260, AI628342, BF476302, AI015433, BE410390, AI362978, AA732991, AL449610, AI355475, T53653, AA534152, AI809421, BF475396, AI652528, AI990347, BF001355, AI540613, AI768806, AI868394, AA322475, AI638636, BF822912, BF305616, BF879798, BF879790, BF980911, AI886291, BE873482, BF203973, AA431464, AI565311, AW751161, H73300, C21411, BG120816, BF526020, BE905408, BF792469, AI857296, AI591316, H43216, R73031, AI612759, BF037097, BG109270, AI308035, BF344652, BF342070, BG180996, AI433976, BG168696, AI249257, AL121463, AI554427, AI568870, AI499463, AI590999, AI952360, AW118512, AW131954, BG222103, AW196141, AI612920, AI554484, AI868831, AI912866, AI690312, AI571551, BF724691, AI633419, AW002342, AI475451, AI569616, AI824557, AI702433, AI224992, AI828731, AI799199, AW082040, AW103893, AI561299, AI866002, BF795712, BF344479, AI610645, AI866608, AL045903, BE048071, BE963918, AI636719, AI539153, AV735353, AI273048, BE620444, AI702406, BG107847, AW302973, AW268060, BE965355, AW827289, AI610756, AI520785, AV681682, BE781369, BE047952, AI815855, BG180034, BF726001, BF885675, AI491852, AI636445, AW103371,</p>

				<p>             AI811344, AW087445, BF055737, BE966388,              AW102785, AI648663, BF812933, AI498579,              AI872711, AI289937, AW274192, AI499263,              AI284020, AI521012, AI919345, AI571909,              AI349004, AA938383, AV655645, BE544111,              BE964767, BG036846, AI572676, AW827203,              AI539771, BF036115, AW268220, BG058208,              AI480118, BE875407, AL040243, BF966050,              AL041772, AI566507, BF970449, AI281779,              AI570384, AI590120, BF752252, BG179993,              AI269696, AI264741, AI500039, AW301409,              AI446605, AL036361, AV746964, AI453322,              AW129202, AW262565, AI097410,              AV707767, AW268251, AI362637,              AA352921, BG120105, AI648684, BE963035,              AL043326, BF968493, AI560099, AI888953,              BE964700, BF792961, AW071417, AI801213,              BF882343, AL119791, AI922901, AI273142,              AW148716, AW150578, BF968205,              BF971016, BE895585, AI800453, AI800433,              AA287231, AL135661, BF341801,              AW238730, AL038565, AI445165,              AA427700, AI520793, AI587288, AW827115,              BF054789, AI366549, AV755311, AI554818,              AW169653, BG112879, AV712229,              BG112718, AV734167, AI500523, BE018711,              BF726198, BE568665, AL038605, BG252040,              BE048081, BE964812, AV713662, AI343059,              BE904051, BG114104, BF814335, AI678302,              BE894455, AI439087, AW403717, AI349933,              AV682082, AW168795, AK024725,              AB045292, AB045293, I89935, I89936,              I48979, AF113019, AK025958, AF090934,              I89947, AK026865, AL049314, I89931,              AF104032, AF090901, AF130092, AK026533,              AF138861, AF130104, AL133606, A08916,              E03348, A08913, AK027096, AL389978,              AL133080, AL133640, AR059958, AL133075,              AF130075, AK000652, AF113689, AL359618,              S78214, Y11587, AK026045, AF116649,              AF113013, AF218014, AL162006, I48978,              AL137527, AL122123, AL137459, AB019565,              AL080060, AL080137, AL133565, AF207829,              AB049758, AF078844, AF113690, AL122121,              AF113691, AK025339, X84990, AF017152,              AF116639, AX019230, AF119875, A93016,              AL110196, AL110221, AL133016, AL442072,              AF146568, AF090900, AL137283, AL137557,              AF119878, AB041801, AL117460, AF116646,              AL359601, AL050116, AF113676, AL050108,              AF090943, AF130059, AB047615, AL080124,              AF090903, AF130082, S68736, AL050277,              AL359941, AF116688, AF111851, AL359596,              AL390167, AF116602, AK025772, AF116691,              AL050393, AL389982, AX019229, AF116644,              AF118064, AL133093, AX046603,              AB048964, AK026855, AF118070,              AL122050, AL133557, AX006092, AF158248,              AL157431, AL122093, AF106862, AF125949,              X82434, AB048953, AK026608, AK000137,           </p>
--	--	--	--	---

					AK026784, AF130105, AF219137, AL049452, AF090896, AL050138, AF116631, AK000618, AF125948, AL442082, AF091084, AL162083, AF113677, AK026504, AF119899, Y11254, AF113699, AK026744, AK025084, AK026741, AL117457, AL050149, AF314091, AF113694, U42766, AJ000937, AJ242859, AK025092, AR079032, L31396, AL050146, AF111847, L31397, E07361, AL096744, X63574, AK026452, AF242189, AF119909, AB048954, AK000083, A65341, AL117394, AL049466, AK000445, AR087170, Y16645, U91329, AL049938, AL110225, AF079765, AK026532, AB051158, AK026592, AL353940, AK024538, AK026583, AK025491, AK000212, AF017437, AR011880, AF225424, AK026542, AK026647, AL137550, AL117585, A08910, AL049382, AL133560, AL359615, AK027113, AL049300, AK027204, AK026927, AB047904, AK026959, AF177401, AL049464, E02349, AJ238278, AK026534, AF271350, A08912, AF116682, AF177336, E07108, AF067728, AX042059, AF097996, AL117583, U00763, AB052200, AK025414, AK026528, Z82022, AF130087, AK026353, AK025967, AL049430, AB052191, AK026947, AF183393, AL122098, AF130066, A08909, AL117435, AF119871, AK000323, AK026086, AK000647, AX026824, AX026823, A58524, A58523, AK000718, AK024524, AK000432, AK025524, AF130099, AL050024, AL137271, AF118094, AL137538, AK027164, AK026630, AK025391, AK000614, AL359583, AF087943, AL137463, I09360, AL137648, AJ012755, A77033, A77035, Z97634, and Z97634.
HBMUI10	265	566764	1 - 808	15 - 822	AV721682, AW474332, AW474342, BF790073, BE161728, AW028637, AW994240, BF693956, BF887392, AW379707, AW753711, AW578737, R16550, AW362429, AW753702, BF791106, R39478, AA431947, AW362456, AW362423, BF090028, W52712, BF525972, BG164876, AW578745, AW381918, AW381624, BF034675, BE827256, AI682841, AA443174, AI679916, AW386103, BG260037, BE538997, AI623396, BF752252, BG032919, AI567360, AI499381, BG110684, BE965432, AW087445, AI537677, BE965121, AI500146, BF882343, AI610756, BG036846, BG110517, AI538716, AI439762, AW088134, BF344652, AI560099, BF904180, BG257535, BG254981, BF814504, AA640779, AI446373, AI868831, AI340603, BG259801, AI497733, AW162071, BG058398, AI567351, AI281779, BF724691, BE965481, AV703585, BG112879, BF812933, AI702406, BE048071, AI287326, AI538085, BF925729, AA508692, AW238764,

				<p>AL044207, AL119863, BG120816, BE963035, AW103371, AI816010, AI476046, AI799234, AA470491, AI340582, AW117746, AI872711, AI289937, AL036146, AI873644, BE965355, AI933589, BG031815, AI874166, AI364788, BG168696, AI801605, AW071417, AI866002, AI251830, AV732865, BE887488, AW827115, AW026882, AI537076, BG058208, BE045182, AI866608, AI636456, BG113662, AI521012, AI349645, AW301410, BF904258, AI224992, AI686552, AW999049, BF527014, BF970449, AW403717, BG164371, AI857296, AI348897, AI349004, BG180996, AI433976, AI537273, AA572758, AW051107, AW827211, BG112718, AV757598, BG035511, BG031664, BF055737, AI918655, AI251205, AL040243, AI796743, AI564719, AI680113, AI281772, AW301409, BG250190, BE876256, AV682849, AI802542, AI568870, AV681902, AI282281, AW075351, AW071349, AI537303, BG179993, BF795712, AI800384, AI801325, BF817926, AI680194, AW148320, AL036396, AI620284, BE964700, AV729890, AI682743, BG168185, AI500077, BE781369, BE964812, AI498579, AI684234, AW827214, AI922901, AI433157, AI888944, AL036804, AL036802, AI274013, AI679504, BF885675, BF812961, AV681638, AW190042, BF883916, AI648663, BF343172, AW074993, AI349614, BG032208, AV756560, AW089405, AI452876, AW268253, AI284131, BF793324, AI312152, AL036780, AI345735, AL515173, BG109270, AI468872, AI349937, BE904295, BE172767, AI633419, AL514155, AW089572, AI285735, AW081255, AI921379, AV682672, AI500659, BE965192, AW082040, AI613017, BE964429, AW068845, AW102785, BG122481, AI561299, AI932510, AL045266, BE965330, AL514803, AW268220, AI921248, BF811780, BF828567, BF885081, BF983875, AW079159, AI343059, AI696626, AL040241, AV718233, AW050522, AW183130, BF816455, AI867042, AI934035, BF812938, BF793370, AI349933, AW195957, AF116631, I48979, I89947, AF130059, AB051158, AL050108, AL133075, I89931, AF116644, I48978, AX019230, AF113694, AF130066, AL050146, AF113019, AF130092, AF090900, AK026542, AL117435, A08913, AX019229, AL122050, AK024538, AL390167, A08916, AF116691, AF090943, AL049382, AK025414, AF090903, AL050149, AL096744, AL049452, AF118094, AX046603, AL389978, AL162006, AF116649, AR011880, A08910, AF113013, AR087170, AK026741, AF130105, AF130082, AB019565, AF078844, AF113690, AF177336, AL117457, AR079032, AF106862, AF118064, AF116639, AK000432, AF116646, AB049758, L31396,</p>
--	--	--	--	--

					AL080060, L31397, AF119878, AF225424, AF119909, AK025092, AK027164, X84990, AL133016, AL050393, AL049938, AL110221, AF138861, AK026865, AB048953, AF113691, AJ238278, AL117460, AF116602, AF090901, U42766, AF113677, S78214, AJ242859, AR059958, AF125949, AF111847, AL442072, AL442082, AF090896, AF130104, AL133606, AF104032, AF116688, AL110196, AF218014, I33392, AK026744, AK025958, AK025084, AF183393, AL133113, AL050138, AL389982, AL162083, AL137550, AF090934, AB041801, AF130075, AF113676, AX006092, AL133080, AK027096, AF119875, AK025339, AL359596, AL050116, AL353940, AF113689, Y11587, AL359618, AB047615, AK000137, AL133640, AF116682, AL117585, AL133560, AK026927, AK026592, AF119899, AL133093, AL050277, AB048964, AF118070, AK026045, AK026532, E07108, AL157431, S68736, AL137527, U35846, AL049314, AL359583, AF207829, AK026784, AL137538, AL133557, AL359601, AF130099, AL080124, AK025772, AK000652, AL122121, AF119871, AF017152, AF177401, AL080137, AK000647, AL049464, AK026608, A93016, A08909, AK026855, E03348, AK025209, AK027204, AF314091, AL359941, AF113699, Z82022, AK026534, AF158248, AL049466, AL122093, AL133565, AK027113, AL137557, AL050024, AK026583, AK025632, AK026452, AF146568, A03736, AK026533, AK027116, AL137283, AK025391, AK026947, AL122098, AB050510, AK000718, U80742, AF091084, AL122123, X82434, AK026504, Y16645, AL137271, E02349, AF242189, AX026824, AX026823, A58524, A58523, A65341, AK000445, A77033, A77035, AB048954, AK000212, AK000083, AF219137, AF125948, AL137463, AK000618, AF260566, AK000323, AK026647, AB047904, AL110225, AF079765, AK024524, AF017437, AK026086, Y11254, AJ000937, AK026353, AK026959, AF111851, AL117583, AL137459, AK025491, AL359615, AL117394, A12297, X63574, AB034701, E07361, U00763, AK025524, AL080127, U91329, AB052200, AB052191, AF116654, AK026630, AF130110, AL049300, AK025967, AL049430, AL162062, AC019297, AC019297, AC012020, AC012020, AC012340, AC012340, AC027296, AC027296, AC011318, and AC011318.
HBMUJ48	266	580808	1 - 499	15 - 513	AC060812, and AC018803.
HBMUR39	267	647594	1 - 874	15 - 888	H68504, AC008745, AL109804, AC020904, AC005015, AL135927, AC007227, AL022163, AC009060, AL138807, AL031670, AC008403, AC008753, AC007597, AP000553, AF225899, AL109743, U47924,



					AC006512, AC003029, AC005399, AC004089, AL389875, AC002316, AC022799, AC022799, and AC027089.
HBMVF65	268	609348	1 - 1050	15 - 1064	AA581409, AW972347, AI086335, AW903747, AA608689, AW903751, AI863767, AI038731, AI863777, AA879017, AA523051, AI791303, AI821263, AL163279, Z56575, AF129408, AF129408, AF129408, AC019326, and AC019326.
HBMVF65	269	847789	1 - 1268	15 - 1282	AA608689, AA581409, AW972347, AI086335, AW903747, AI038731, AW903751, AI863767, AI863777, AA879017, AA523051, AI791303, AI821263, AW797332, AL163279, Z56575, AF129408, AF129408, and AF129408.
HBMWC39	270	523713	1 - 1140	15 - 1154	AL118991, BF681619, AV762982, AI040051, BE019467, AI284640, BE294700, BE139267, AA669840, AW963565, AW328202, AW407578, BF915247, AV759557, AI457397, AI623764, AW971243, BF678990, AW021917, AV762741, AV758790, AI334443, AW979096, BF915722, BG059314, AV682003, AV761714, AL046409, AV762979, AV735495, AV761862, AW970877, AW327624, AI821714, AI792133, AI791913, AA653139, AU145055, AA829065, AW438542, AA297145, AA631507, AI205181, AW191886, AW419262, AV764307, BF725318, AI821785, F36273, BG169377, AI090334, AV758903, AI963720, BF915628, AW193265, AI431303, AV762033, AI305766, BF984807, AA708678, AI306028, AV764340, AW969743, AV726332, AI244356, AL041706, AI350211, BF941382, BF149121, AA613203, AW275719, AI754253, AV764259, AA483606, BG249643, BF925233, AA502991, AV760937, AL079645, AI270476, AI561060, AU131834, AI753488, AA570740, AV761810, AI745325, AU144320, AW103030, AI613280, AL359076, AL158040, AL035422, AL357752, AL022476, AC006487, AC002073, AC007969, AL024498, AC002553, AC002563, AC004859, Z85987, AC000026, AC002059, AC005324, AC018738, AC007271, AC005874, AF134471, AC007671, AJ277557, U78027, AL136418, Z83840, AC005037, AC024563, AC008560, AC004797, AC027319, AL133163, AL079335, AC005726, AL445483, AL136124, AF196779, AC011462, AC005038, AC002464, AC015971, AF067844, AC005399, AL033383, AL133246, AC006071, D87675, AL034553, AL031005, AC004832, AL080243, AC005899, AL356020, Z97985, AC009756, AL138836, AL096800, AL050335, AC008083, AC004648, AC005940, AL136179, AL162580, AL050317, AF015148, AC008753, AC004526, AL078581, AC006006,

09950083 091201

					AC008102, AC008784, AC068799, AC007421, AL161672, AL365444, AL021397, AC006262, AC074331, AC024168, AC008403, AC007685, AC005052, AL161630, AC005377, AP000359, Z93244, AP000065, AL135928, AC004821, AL162505, U07561, AC004815, AC011452, AC005244, AC073968, M16110, AC005971, AP001746, AC005358, AP001695, AP001725, AC005202, AL133281, AC011890, Z83820, Z93241, AL132639, U62293, AC004590, AC021037, AC007676, AL391416, AF217796, AL022323, AC006345, AC004156, AL118502, AC005599, AC005231, AC005261, AC004846, AC004003, AC007739, AC006241, AL132855, AL109658, AC027644, AC005197, AC008745, AC007463, AC004158, AL049643, AC005678, AF053356, Z82202, AF111168, AL109976, AC010582, Z95115, AC026888, AC005730, AL109952, AC005900, AL121897, AC005921, AL118505, AL357497, AF117829, AC009194, AC004520, AC005368, AL121989, AL121890, AL022328, AL031286, AC012039, AP000501, AL117333, AL355385, AL353898, AC005089, AC005332, AC005548, AC004388, AC005280, AL138976, AC011450, AC007731, AL121751, AC010328, AL109920, Z93015, AC004814, AC007707, AC011500, AC004492, AL096700, AC021016, AC005500, AC004799, U80017, Z83843, AC005839, AL445687, AC004910, AL360227, AC007216, AC007774, AC008733, AC025430, AC006077, AC011465, AC010458, AL157789, AC009123, AC006468, AC005578, AC007371, AL023577, AC002430, AL049636, AF109907, AC004771, AC006001, U62292, AC083866, AC020550, AL023284, AL031295, AC009892, AP001689, AC011453, AC002554, AC007384, Y07848, U18392, AC005060, AC020552, AC002425, AC005081, AL034372, U07563, AL133329, AC016025, AC021036, AC020913, AC007201, AL117382, AC010000, AC012384, AC005387, AL020993, AC005520, AL135818, AP001629, AL109825, AL080314, AL136325, AC008443, AC004655, AL021578, AB023050, AL049757, AC005342, AC002039, AL136131, AC005484, AL137022, AC006312, and AL031846.
HBMWJ92	271	701971	1 - 1796	15 - 1810	AA079274, AA079292, BG057574, BG152940, AC009518, AC008085, AL163249, AL158033, AL442166, AL163284, AC005014, AP000170, AP001720, AC005736, AC008806, AP001697, AC006348, AC005482, AL355537, AL080239, AP000330, AL035666, AP001598, AP000124, AL357120,

09950083 091201

HBMWS52	272	872553	1 - 1331	15 - 1345	AL357120, AC019084, and AC019084. AA515728, AV762633, AL079734, AW958962, AI754170, AI284543, BE139139, AI250552, AA602906, AW275432, AI251284, AI251034, AI251203, AI962030, AA503298, AI254770, AW274350, AV763457, AI223626, AW069412, AL038842, BF854308, T11828, AW151541, AI279417, AV759632, AI635440, AV763026, AV763058, AI801505, BE138387, AW575605, AI521525, AA584489, AW865946, BF725844, AW851405, AI469599, BG059972, AI345827, BE063437, AW268757, AW268954, BF725884, AI349817, AI040051, AA644090, AA630854, AI754653, AA508036, AI923451, BE143603, BF681619, AI635028, AU118374, AW272294, AA225406, AL135377, AI755214, AI537020, AV703785, AW500684, AL524675, AI891080, AI754567, AA916430, AA714011, AW972919, AI625604, AA527602, BF212465, BE062478, AW408767, AW500029, BG236628, BF771774, AW023111, AW591754, BE150796, BF978936, AI589230, AV742175, AI754105, AV757289, AI282479, AA659333, AW576251, AW816516, BF965775, AW265393, AI499954, AA833875, AA833896, AI085242, BF184128, BF726693, BF944736, AV758790, AI133514, AI926102, AI249853, AI254779, AW873261, AV763550, AI654738, AW970064, AA568314, AI732151, AA652834, BF724372, BE062476, AI923458, BE883977, AW157731, AI708009, BF817546, AV704467, BE250197, AW190484, AI754066, AA169245, AI753672, AL121385, T06598, AA713705, AA536040, AV706448, AC008925, AF095901, AL022329, AL133480, AC005057, AC008897, U62293, AL138713, AC005236, AC005940, AC005215, AC007030, AC004526, AC005043, AC004033, AC008543, AC005011, AC011445, AC005037, AC006312, AC005094, AL022324, AC005763, AL121675, AC004383, AC004659, AC006141, AC009244, AC004883, AL109804, AL033528, AL050349, AP001714, AL136303, AL035417, AP000032, AC003014, AL359694, AC011742, AC005080, AC005410, AP001631, AC006581, AL031943, AL445687, AC010582, AC008752, AL117350, AC007383, AL049539, AL022316, AC009228, AC024075, AL035427, AC008015, AC005098, AC007956, AL050335, AC002470, AP001748, AL132639, AP001715, AP000103, AF075098, AL022476, AC004027, AL109824, AC008569, AC005030, AL049697, AC006252, AL117186, AC005200, AP001746, AC005291, AC006088, Z83847, AC027319, AC004020, AP000269, AC011497, AC011450, AP001711, AC005736, AP001725, AC010489,
---------	-----	--------	----------	-----------	--

					AC005377, AC007308, AC005535, AP000505, AC002456, AL157791, AC011442, Z93244, AL031584, AC007225, AC004824, Z95116, AL136170, AL031677, AC009600, AC006552, AP000510, AC003684, AC005627, AC002375, AC008636, AP001670, AL035404, AC008750, U78027, AC005632, AC008616, AF207550, AC005399, AC020913, AP000557, AL035416, AC002425, AL031432, AC004966, AL109798, AC005484, AL442064, AL121825, AC006449, AL449217, AC006023, AC004834, U63721, U62292, AL034549, AC006530, AC025593, AC007041, AL049760, AC002365, AC011489, AL035422, Y14768, AC020553, AL137222, AC005183, AC003101, AP001718, AC006483, AL158040, AP000963, AL050308, AC011479, AF305941, AC004815, AL353807, AC002563, AC008736, AL118506, AC011527, AC009477, AL137062, AC005773, AC002550, AC005871, AL354829, AC007388, Z85987, AL031767, AL049569, AC007163, AL137073, Z83844, AL158159, AP001752, AC005971, AC005324, AC004228, Z83308, AC005071, AL133264, AC007421, AL031587, AC005261, AL096800, AP000704, AL136105, AL049636, AL080243, AC007565, AC022073, AC004167, AC008687, AJ400877, AC000004, AC004965, AC018755, AC005015, AL121920, AC027644, AL353653, AC005730, AC005190, AP000035, AL033524, AP000555, AL117348, AC008747, AC007011, AL031662, AL133448, AL136295, AC005207, AL109923, AC005486, AC021016, AC007406, AL138960, AL034417, AL137818, Z98752, AL008627, AC016543, AC011895, AL020997, AC004799, AP001624, Z93020, AL022165, Z98884, AL031295, AL096868, AC020908, AC007376, Z95113, AC005969, AC007664, AC007883, AC005778, AL008730, AL162430, AL049694, AP001713, AC007938, AL356415, AC002312, AL035704, AC003035, U52112, AC023344, AP000501, AL133382, and AC004821.
HBMXE34	273	834497	1 - 1817	15 - 1831	AL527280, BE179268, BF034686, BF002287, BE536486, AA218919, BG261364, BE612994, AU157519, AA811413, AI089945, BE858632, AU158525, AA393861, AI828461, AA393827, AA731882, BF666030, AI888229, AI811471, BF431222, BF215883, AA631810, AI346548, BE537488, AI091301, AA290859, AW957240, BF725094, W26029, AI769614, W03038, AI337441, AW973653, AW264798, AA397927, N24806, BF880308, BF478027, H98108, AI560121, AI143915, W26949, BG114099, AI346151, AU138215, BE815321, BE709840, C17037, AA879124, AI340131, AI695190, AI538208, AW188745, AI668931,

0950083 091001

					BF967985, AA370954, AI582531, N72841, AA393731, AA885983, AV759519, C17006, AI683580, BF130624, H89297, AA568208, C01501, AA026108, AA370774, AW614360, BF035451, AI739393, H89296, F04613, BE774925, AI653132, AA554983, R08144, R08145, BF732775, T24560, AI269930, BE841865, AA489531, AI693569, AW662194, BF983610, AA599684, AI985654, AI270074, AI598096, AI686715, AW771609, AK024460, AK026749, AK023801, and AC005291.
HBMXG01	274	689522	1 - 1125	15 - 1139	AW500029, AI358384, AV759632, AW327624, AU152561, AW575605, AW020088, AW190505, AA631497, AA634837, AA228349, AL037910, AI590485, AW975095, BE160591, AA572813, AA704393, AI669589, AV760918, AW972963, BF944940, AA669647, AW574976, AC005746, AP000065, AC008745, AL132713, AC018514, AL353748, AL022721, AC012005, AP001745, AC004491, AC068799, AC007030, AC008569, AL109758, AC005529, AL445263, AC004186, AC027319, AC016025, AB023054, AL034420, AC002430, Z84469, AC007384, AP000517, AP000501, AL031655, AC008403, AP001705, U52111, AC005913, AC005971, AL031685, AC005037, AL139087, AC005179, AL121653, AL035420, AL136137, AC008753, AC009953, AC004686, AL136300, AP001727, AF134726, AC008474, AL139123, AC004835, AC020916, Z93017, AC006483, AC005069, AL353804, AF190464, AC005726, AC004840, AL022397, AL049757, AC083863, AC005070, Z85986, AP001725, AC007114, AF111168, AC006064, AC006449, AF205588, AL034429, AL034417, AL121881, AL353140, AC008738, AF243527, AL050335, AC005211, AC025593, AL162505, AL050318, AC005391, AC006057, AC002301, AC020906, AL049539, AL133355, AL355385, AC004408, AL035461, AC008720, AL049829, AC007097, AL353653, AC015973, AC005668, AC009263, AC005841, AC004962, AC011455, AL109798, AL133551, AL079295, AC004520, AC004039, AL121754, Z99495, AC008543, AL355365, AL136295, AP000552, AC002546, AC005355, AC007314, AC005255, AC009803, AC011895, AC007842, AL139095, AC002119, AC006345, AF215937, AC004859, AC002350, AC006285, AL132777, AL354816, AP001626, AC004032, AP001630, AJ011930, AC005224, AL031289, AL163300, AC019014, AC010422, AL117382, AC000052, AL024507, AC005207, AL023575, AC005049, AC005722, AL157938, AL133448, AL133244,

					AL135901, AC005229, AL031847, AC020626, AP001748, Z95115, AC004865, AL024498, AC011500, AC020913, AC007292, AL035587, AC009506, AC023490, AL365444, AC006948, AL117337, AC007957, AC002288, AC008821, AC083874, AC008760, AL096821, AC004057, AC005098, AL022326, AC008395, AF053356, AC010363, AC022173, AC006511, AC005630, AP000556, AC024952, AP001711, X87344, AL022322, AC012076, U78027, AC006039, AC006006, AC007308, AC009086, AC004876, AL096840, AL022165, AC011489, AC025594, AL049692, AC011469, AL035422, AL163278, AP001712, U96629, AL136303, AC006530, AL031602, AL160253, AL132708, AC005619, AC007221, AC077690, AC005962, AL355392, AC003109, AL135798, and AC023097.
HBMXG76	275	580812	1 - 604	15 - 618	AW469166, AI568694, AA486949, AL133623, X91617, D88026, AC023508, and AC023508.
HBMXM05	276	842283	1 - 1107	15 - 1121	AI051244, BE080507, T77860, T85718, T90815, T77360, T77055, T86993, AA759263, AU129822, AU129210, BE382611, AU132952, AU143680, AU125010, BE797845, BF311661, BE263248, BF314598, AW239318, AL523230, BE382817, BF542104, BE088607, BG164869, BF672510, AF064478, AB015355, AF046997, AF064484, AB004857, AF153280, AF153279, L37347, AC023648, and AC023648.
HBMXW83	277	725335	1 - 1219	15 - 1233	BF439044, AI861923, AI760976, AW172961, AW380987, AA989375, AI832889, AI754682, AI591154, AI955740, BF061355, AI360595, AA912755, AI075414, AA723957, AI453765, AL048509, AI800503, BF679519, AV690773, AI417890, AA740523, AV687370, AI073631, AA701615, AI690073, AI014488, BF027894, BF149272, AA828026, AI538813, T29227, AA677808, BE564932, AL121379, H93053, BF110314, AA418788, BF214938, AW792901, AI865369, AW792803, AV659812, BE896240, BF858900, BE000013, BE564874, BE149797, BF839648, BE568241, AW379771, AA010005, AV658482, BG107452, AL033397, M90656, U85498, J05181, AR005022, and U85414.
HBNAE74	278	637524	1 - 412	15 - 426	AA700850, AI652493, AA195061, AI829078, AA401470, N98317, BF928398, N70140, AL049795, AL049795, AL049795, AC022307, AC022307, AL121991, and AL121991.
HBNAX16	279	843727	1 - 3230	15 - 3244	AL523259, AU125719, AL523258, BE795590, BE795814, BE795317, AL043102, BG112721, AU125792, AU136086, BE742689, BF569391, BF316814, BF664322, BE907570, AU131690, BF311863, BF309140, BE262674, BE798174, BE296057, BF683515, BG032478, BF311452,

				<p> BE780773, BF307148, BF315533, BF306755,  BF975524, AL135057, BF315096, BF204200,  BF309118, BE613737, BE899008, BF033497,  AU139060, BE265209, BE791961, BF310568,  BE260290, BE465420, BE389690, AI681518,  BF206501, BE743864, AU127048, BE929626,  AW602055, AL039392, BF085765, AI692511,  AA126434, AW578789, AW958474,  BE551260, BE266650, BF131422, BF085767,  W73242, AA431845, AI741041, AA149414,  BE670447, BE262032, BE674819, AV722012,  BE384383, AA453874, AI382171, AI905972,  BE263299, BF223537, BE674063, AI651251,  BE674064, AA716512, BF351061, BF316271,  AI189326, BG058741, BE966299, BE276571,  AV747650, AW468178, AA281277,  AW406167, AI768820, BE737249, AI087946,  AI670131, AL040191, AA489320, AA406606,  AW193326, AW300691, BF954429,  AI298196, AA994953, N35424, AA768764,  AU153388, AU152144, BF155450,  AW368562, AW072591, BE263977,  AA527704, AI796147, BG232037, N24031,  AI189518, BE384457, AW575451, H40910,  W73297, AI651230, AA678239, BE314507,  AI767999, BE541681, BF432763, BF754544,  AI831533, AV659602, AA223088, AI039523,  AI633506, AA621254, AA831340, AA577527,  AI274990, AA761298, AA595649, AI274989,  AI278796, BF955500, AA777665, AW470645,  H45097, R54571, BF108609, AA676861,  AW515519, AI750752, AU149768, C75076,  AA027230, AA714946, R73370, BF904641,  AI204199, BE170158, AI769276, AI499039,  AI698691, AW239239, BF903847, AA489315,  BG014751, BF930421, AA730209,  AA355303, BF087104, N41477, T74612,  BF927062, AA580813, AI247923, AW874113,  AA431442, AW963251, AW440729,  BE410152, BF982031, AA046211, AA113933,  BG014740, BE711033, AI880169, BF447476,  AA889500, BF570254, AW207415,  BF803348, AW023485, R86676, AW802230,  AW897415, R55477, AI868412, R86029,  H44523, BE858504, BF093878, AA149300,  AA513167, BG057749, AW080541,  AW089033, R51960, AU130125, T74671,  R87919, AI214812, AI143409, H51604,  BE830715, BF349614, AW139215, BF376257,  AI750753, AU126993, AW797146, BF886587,  AW897478, AI264766, AA347274, BF378852,  AI003529, AW901018, BE174767, BE762778,  AW405466, AA375393, AW368718,  BE762825, BF062991, AI276442, BE614613,  AA773391, R85535, BE890178, BF088020,  H40951, AI245141, BF088015, BG104429,  BF353393, AW806599, BE179824,  BE163090, BE762752, AF005417, BE762745,  AI363861, BE814804, AI905613, BE936330,  BE936339, AK026172, AB002368, </p>
--	--	--	--	---

					AC003010, R53627, H44524, AA026169, D80069, AA218617, AA912889, and D45678.
HBNAZ35	280	840687	1 - 880	15 - 894	BF508836, BF436866, AI240553, AI658964, AW298386, AW070989, AI969920, AA570545, BE205930, AA884223, AA555330, AW964492, AA319434, AA176296, BE815349, AC009555, AC009555, AC012300, AC012300, and AC010538.
HBODK40	281	852382	1 - 1764	15 - 1778	AL520924, AU118752, AL524864, AW957754, N58127, BF087903, AI970999, BE207510, AA805508, AA543049, AI224173, AA481100, AW086144, AW970499, N52797, AU145242, N49240, AW439223, H22748, AA480173, H18549, W87476, AA481045, AI702077, AI208249, AA968423, AA676568, AW957756, AI339421, BF841324, BE350713, AA551673, H61729, AA354107, H90630, H18441, H90534, BE747814, AA203228, Z41571, BE825526, AA948533, AI990383, AL524865, H24029, BF082936, AW945283, H61939, AW945334, BF082937, AL134264, BE242723, AL526441, AW075792, AW873749, BF333412, AI270746, W87571, AL520925, BF941562, AA002111, BF746839, AA002112, AA682938, BE825410, AW072594, N57619, AA977512, BE049263, BE277393, Z45954, AW466875, AF092094, AF155157, AK001045, AL137856, AL137856, and AL365321.
HBODV76	282	866420	1 - 2484	15 - 2498	AU120941, AU121012, AU120592, AU120417, BE250269, AI126808, BF695058, BF671906, BF672129, BF671000, BF671449, AW579877, BF576332, BF670252, BF305501, BF574301, BF791231, BF574798, BF672754, AA418414, AW960122, BF790531, BE156553, BF671961, BF575411, BF670857, AW579872, BF791312, BF671769, BF671792, BF790835, BF671456, BF790846, BF672675, BF693805, AA192617, BE156566, BF671448, BF695105, BF670273, BF575478, BF672161, BF790545, BF693774, AA418529, BF693658, AA214096, BF672511, BF790297, BF693831, BF576965, BF695389, BF791322, BF671580, BF575312, BF575289, BF577330, BF575066, AA213904, BF576286, BF126096, BF694591, BF790347, AA194412, BE299317, AA195847, BF694759, BF693028, BF126241, BF574925, AA196024, BF671036, BF575248, BF670307, BF694763, AA193197, AI279034, BF574536, AI143596, AA010690, BF671410, BF694979, BF671521, BF695014, BF790293, AI144214, BF575347, AI367745, BF790821, BE156567, AI273691, AA774620, AI288558, BF671111, BF671611, AA211554, AI972216, AA393798, BE670052, AA699389, AA194290, AI668950, AI131111, AI908527, AA653726, F36637, AW022216, AA706028, AA482795, BE156689, BF576244, AA513960, AA393742, AA010691, AA086230, BF695199, W76626,



					AW207834, BF574885, AI332479, AA112963, BF576539, AI474279, BF349086, AI144517, AA086338, W80470, AA971123, BF126346, BF693678, N80190, AA192148, AA194547, AA086212, C04739, BF790002, AA086367, BF575935, BF694807, F34223, AA100586, AA112136, AA968697, F32575, AI312819, AA055160, N89714, F30490, AA181365, AA192577, AA192620, AW452201, W81361, BF693689, BF671481, AA086385, Z28793, AI418760, AI191187, BF836549, AA328262, W38481, AA100566, Z28778, BF827752, T31777, F01258, T31417, T31416, Z25060, AA112808, F29103, W79660, AA195953, AI368065, Z28792, N79842, W19177, Z19233, AI623274, N74706, W17211, AA834142, W21178, F33890, N83885, AA729622, F29824, F29300, N92987, Z19234, AI193497, AA329586, BF693980, Z28751, F21471, AA661788, F00128, Z28915, AA055063, Z19439, AW961397, BF576125, W05094, F31493, W73018, BF575742, AA248275, BF826647, BE156601, AA100080, AA112962, AA196399, R57645, AA096322, AF056929, and AJ293948.
HBPAD89	283	637525	1 - 181	15 - 195	AC011123, AP001460, AP001460, AP001562, and AP001562.
HBPAF39	284	850786	1 - 1248	15 - 1262	AA630293, AV763026, AV763058, AA284247, H58354, AW500684, AI554471, BF809041, AA658375, AA176978, AA847499, AI908093, AV763540, AW971071, AV762633, AI805363, AA526343, AI754767, AW083934, H24331, AA226584, H05066, AW963444, AV742957, AI799607, AP001711, U95740, AC004971, AL121891, AC021016, AC005037, AC008403, AL136300, AC007051, AP000555, AC007011, AC007919, AC003007, AL023879, AL133448, AC006312, AL163249, AC005529, AC004645, AL121751, AC009756, AC006130, AC008760, AC018663, AC007151, AC006146, AC005995, AJ009611, AP000134, AP000212, AC005318, AC003982, AC004858, AC006111, AL035079, AL022323, AP001747, AC005736, AC010605, AP001627, AL122015, AL158040, AC011462, AC008812, AC010789, AL031680, AC004526, AC004867, AL132713, AC004491, AC002492, AC005098, AC005089, AF109907, AC011442, M85145, AC006483, Z85987, AC006241, AP001725, AP000359, AC004965, AC006441, AC010412, AC018738, AC010618, AC004821, AL121890, AF111168, AC005236, AC005046, AC004611, AC018758, AP000049, AL050349, AC000120, Z97056, AC005522, AL096701, AC005000, AB017602, AC004896, AC005332, AC002531, AP000295, AJ400877, AC083863, AC006946, AB023048,

					AP000311, AC004166, AC006344, AC005632, AC004847, AC011811, AL020993, AL139396, AC006121, AL139339, AC000073, AC009244, AL136295, AC009314, AC010271, AP001748, AL121981, AC005288, AC027319, AC020663, AC005071, AP001716, AC005031, AC021752, AF205406, AL133387, AC006071, AC007899, L78810, AC007766, AC007277, AC004000, AC012627, AL031432, AC000353, AC011449, AL117350, Z68756, AL109935, AC011491, Z99755, AL096791, AP000503, AL035683, AL139353, AC020916, AL137162, AC018764, AL022320, AL391259, AC004890, AP001710, AC006942, AL354864, AL109921, AL023693, AL136000, AC008733, AC005049, U63630, AC003688, AL121928, AC020728, AC005274, AL049775, AL096814, AC007404, AL109839, AC007676, AC002365, AC009247, AC008745, AF317635, AL356299, AC011489, AC006581, Z99716, AC005778, AL049699, AC020913, AL445490, AC020552, AC009194, AC004849, AC006480, AL031723, AC002395, AC005387, AC010200, AL009031, Z93096, AP000552, AC008752, AL132825, AC002326, AL050321, AL035659, AL050318, Z93016, AC023490, AL133215, AC020908, AC010677, AC005368, AC004025, AC004893, AL121601, AC005003, AJ251973, AC018832, AL135749, AC007216, AC018639, AL049874, AC002430, AL158830, AC005231, AF124730, AL022476, AC020626, AP001631, AC011531, U96629, AC020610, AL024507, Z99127, AC000085, AF134726, AC002347, AL034372, AL162505, AC024561, AC008044, AC005484, AC011464, AF107885, AL031848, AL031346, AC007957, AL135927, AC007227, AL133500, AL132653, AC009016, AC005056, AL109627, AF053356, AL161670, AC006211, AC007384, AX039602, AC007993, AC011450, AL357120, AL357120, AC019084, AC019084, and AC019084.
HBQAC45	285	723505	1 - 1357	15 - 1371	AL078463, AL078463, AL078463, AL078463, AL357493, AL357493, AL357493, AL109844, AL109844, and AL109844.
HBQAC72	286	799512	1 - 2331	15 - 2345	AW170533, AU137084, AW998874, AW998771, AW872676, AA516047, AW872575, N70448, N69125, BE061259, AA714110, AI082622, AI345695, N70447, AA767971, AI865897, BF770689, AW338508, AI633168, AI571161, H11612, AA741011, AA179944, BE263340, BE089717, N91711, BE907155, BG181040, BF667616, BE874651, AV762393, X56465, Z82216, AC003001, X61715, AC002404, AC006112, AC011451, AC006130, AJ009611, AC009194, AC008733,

					AC012309, AC005678, AJ007973, AL118516, AC022148, AC007842, AC009756, AC007676, Z74617, AC020910, AF124523, AC008806, Z82178, AL137802, AC073898, AC002418, AC005840, AL117348, AC004386, AL031575, AC005822, Y12854, AC010328, AC004584, AC007850, AC004551, AC004492, AL390039, AC007371, AL020997, Z85986, Z68756, AC008651, AC008747, AC006064, AL117337, AL139353, AL109624, AL109839, AL096700, AL022326, AL161781, AC005089, AC004098, AL136526, AC003681, AC006116, AC002486, AC003049, AL080286, AC004656, AP000164, AP000022, AC002316, AL021807, AL031777, AC004955, U82828, AC010271, AC022432, AL138733, AL354720, and AK026527.
HBQAE37	287	637526	1 - 1001	15 - 1015	AI124003, AI445187, AA897328, AA737532, AW627549, AI190742, AW207586, AI872294, AW451406, AI122873, AI253794, D19777, N50786, BE551531, AI419921, AV682285, AW102731, AI540516, AA598571, AW665998, AW068887, AA993676, AI355364, AI799473, BF434811, AU155480, AA334830, BF593134, AW594696, AA603695, AW057857, AW468023, AA598664, BF194841, AA961774, AU155153, AI031659, AW195605, AI510700, AW965500, AW958137, AV744496, BE535697, H04784, AI758241, AA766363, R69607, AW075561, AL135745, and AC018472.
HBSAJ63	288	848683	1 - 1694	15 - 1708	BG260679, BE744499, BE791844, BE799404, BF341229, BF340249, BG033558, BE563298, BF128559, BF528636, BF792775, BF526027, AL520325, BG118406, Z78324, BG120791, BG252616, AW997217, AA573951, AW378545, BE884919, BE267489, AW161658, BG058810, AL120658, BF954742, BE512690, AW673944, AW953507, AA479588, AW250895, BE545107, BE899050, AI384065, AW250140, BF954739, AA777294, AW410340, BE727160, AI955759, BG057374, AW579652, AA812736, AA514652, AI140280, AA522793, AA889483, BE727788, AW378626, BE299671, AW273718, AA595719, AW378630, AI189202, AA888064, H17214, AA643992, AW675106, AI375020, AW163090, AW157575, BE787232, AI308921, AW074078, AI688905, AI989412, BF876474, AI816518, AA214547, AI751405, AI984530, AA578553, AW152123, W90602, BF830769, AI086778, AI564028, AI814124, AI277623, AI000764, BF943828, AW167325, BE791996, AI591307, AA428453, BF839950, AA479881, AI305195, AV726467, AA448198, BF839936, AA351741, AI197967, W90279, AI186150, N38977, BF926156, AV725693,

				<p> BF819780, AI150970, BF839952, W26025,  AI189201, AI498860, AA477427, AA625566,  W26470, BF740682, D53953, AA262237,  R24861, BF771915, BF923441, W46800,  AA401647, N92450, H20700, AA906675,  BF768960, AI760569, AI973119, T77973,  BF528593, AA351632, BF848734, BF110605,  AW001432, BF927449, N48124, AA741525,  AW802164, AW732250, AI493504, T40680,  AI688597, AI033536, AI648659, AI973130,  AI568284, AI201130, W31334, BE245484,  AI301841, AW087959, T68681, H17111,  BG152674, AW087314, BF923568,  AA318045, AA148971, AW732249,  BG055736, AI923243, AA311472, BF992504,  BF770005, T51763, BF848768, AA327274,  R85673, T23497, BE076365, F32993,  AI144182, BE531156, BF801918, AI887003,  BF768181, BF927450, AA213532, T35367,  T03584, AI263552, BF858836, AA299160,  T56823, AA766551, AL533953, H52738,  BF830766, R12841, T51609, AI452587,  AW579657, AI565665, AI937705, AA262863,  AA355737, C03459, BE272956, AA351740,  AF114054, AI242872, BF802489, R48499,  W28398, BF811227, T39585, AA678484,  D29481, H20701, AI370713, BE901834,  BF856310, AW087322, AW167588,  AA508692, BF839951, BF876460, Z38303,  H19947, AA338936, AA351631, W46830,  AA961250, AA953364, R44563, AA876570,  BF843380, AA148972, R20751, BG167488,  BF830764, AA398437, R48500, N86965,  BE542451, AA918300, AA598859, T26959,  BF963602, AW196299, N87012, AL515375,  AI636445, AI340582, BF055737, AI445432,  AI590128, AI758437, AW071349, AI500077,  AI538716, AW148320, AW301409,  BF812933, BG058208, AI348897, AF229439,  AF111847, I48979, I89947, AF090900,  AF116631, AF113013, AF118070, AL157431,  AL049452, AF119878, AF116644, AF078844,  AF130075, AF130059, AL117457, AF113690,  Y11587, AF116639, AF090943, AL117460,  I89931, AR079032, AL110221, AF113676,  L31396, AF090934, AF113691, L31397,  AL133640, AJ242859, AF130092, AF116691,  AF113694, AL442082, S68736, S78214,  AL050393, AF113689, AL389978, AF130104,  AF116602, AL050149, AL050146, AL050108,  AL442072, AF116688, AL133606, AL080060,  AF130082, AX046603, AB048964, AF090903,  AF118064, AF119875, AL359596, AK026865,  AF130105, AB049758, AF138861, AB048953,  AL390167, AR059958, AL133016, AF090896,  AF090901, AF104032, AL110196, AB041801,  AF116646, AL137527, A93016, AF125949,  AK026741, AL359601, AF219137, AL050116,  AF218014, AL122093, AF113677, X84990,  A08916, AK026608, AB047615, AK025084, </p>
--	--	--	--	---

0950083 091001

					AL162083, AL049938, AK025339, AL133075, AF106862, AK000212, AL162006, AB019565, AL133557, AL049466, AL122050, AL049314, A08913, AK026045, U42766, AF113019, AK025958, AL080137, AF119899, AL080124, AL389982, AF017152, AL050277, AF116649, AK026855, AL133093, AK000618, AX006092, AF158248, AX019229, AL137283, E03348, AF113699, AK026744, AX019230, X63574, AF111851, AL133080, AF091084, AL133565, E07361, AF314091, AJ000937, AL096744, AL122121, AL137557, Y11254, AK025772, AL122123, I48978, AL117394, AF207829, AF125948, AR011880, AK027096, AL137459, AL359941, AK026533, U91329, X82434, Y16645, AK026784, AF146568, AL050138, AB048954, AK026592, AF079765, AL359618, AF271350, AF177401, AK026542, AK000083, AF242189, AK024538, AL110225, AF017437, AK000445, AK000137, AB051158, U00763, AR087170, AK026583, AK025092, AK026452, AF119909, AJ238278, AL117583, AL353940, AK026647, AL137550, AF097996, AK026927, AK000652, AL133560, AL117585, AK025491, AK026086, AK027113, AL359615, AB052191, AK026480, E02349, AL049464, AL049300, AK026534, E07108, AK026504, AF130099, A65341, A08910, AL049430, AF225424, AF177336, AB047904, AL050024, AF116682, AK026959, AK026532, AX042059, A08912, X96540, AK025391, X70685, AK027164, AF130087, AF130077, AF067728, AL117435, AK000614, AK025967, AF130110, AF183393, AK026353, AL049382, AF130066, AB049892, AX026824, AX026823, A58524, A58523, AK000323, AF119871, AF118094, AB052200, S61953, AK027204, AK024524, AF116610, AK000432, A08909, AL137463, AK026528, Z82022, AK025414, AL122098, AL137538, I33392, I03321, AC007390, AK026526, AF260566, A03736, X72889, AK026947, AK025484, AC011953, AC016327, AC022231, AC009453, AC016327, AC016327, and AC022232.
HBSAJ63	289	835454	1 - 526	15 - 540	BG058810, AW250895, AW673944, AI384065, AW161658, AA573951, AW410340, AA777294, AI955759, AA889483, BG057374, AI140280, AA514652, AA522793, AA888064, AI308921, AA812736, AW378545, AI189202, AA595719, AA643992, AI688905, AI375020, AW157575, AI751405, AW163090, AW074078, W90602, AW579652, AI989412, AW152123, AA578553, AI984530, AI816518, BF792775, AA214547, N38977, AI086778, AW167325, AI564028, AI814124, AI277623, AI591307, AL520325, BF839950, AV726467, AI498860,

0950083 091001

					AA479881, BF839936, BF839952, AI197967, AA448198, AI305195, AI186150, BF954742, AA625566, AI150970, AA477427, BF954739, BE299671, W26470, AV725693, H20700, AA262237, AI189201, BG260679, AA401647, N92450, AW378626, AW378630, AA906675, AW732250, AI760569, Z78324, W31334, AI493504, BF110605, AW001432, AW087314, R85673, BE245484, T40680, AI688597, AI201130, AI648659, AA741525, AI033536, AI568284, AI301841, BG152674, AW087959, T23497, BF528636, T51763, AA327274, F32993, AI887003, AI144182, BF340249, AI923243, BF992504, BG055736, BF830769, AW732249, AW250140, AI263552, BF801918, AI973130, AI973119, T35367, H17111, T03584, W46800, BF876474, AA766551, BF830766, H52738, BE791844, AL533953, AI242872, H20701, D29481, AA351740, T51609, BF802489, AI452587, AW997217, AI565665, AI937705, AW087322, AI370713, D53953, BF839951, AI000764, H19947, AA338936, AW167588, AA351631, Z38303, R44563, AA961250, AA953364, AA876570, T39585, AW953507, R20751, AA148972, AA678484, AA398437, BF830764, AW579657, W46830, R48500, N86965, T57494, AA598859, N93071, AA508692, N93072, T57467, W90279, AA515703, AW444439, AW450600, AA318045, N30559, Z41679, AA910271, AF229439, and AC024045.
HBSDD24	290	839802	1 - 1480	15 - 1494	AW370493, AW298245, AI954739, AW026312, BF000082, AI923304, AI660828, BE938514, AI493723, AA641666, AA502611, AI540196, AI436565, AI817852, AA039704, AW058671, AW304317, AI128059, AA740469, AI189995, AI041255, W65295, BF688986, AI026922, AA443840, AA831862, AI952042, AW370556, AI669862, BE856167, AI206467, AI244961, AI356276, AI376919, AI475488, AU155552, BF446119, AI831204, AI015178, BE739589, AI831213, BG165967, AI301359, AI707965, AA721617, T17379, T74062, AA452800, BF919626, AI146728, R21538, BF592004, AA281320, R86831, AA058760, AW440523, T90016, AA551944, AA336207, N89584, AI198746, T90113, BF879439, AA053240, N41034, AI431987, AI658607, AI867342, AA452936, BF001302, F12441, AI056728, BF924340, BF924505, BE905733, BF931287, AA984822, AW068407, AA918334, AA706016, C02143, AW904410, AA947728, BG164347, AI612974, F10063, AA026963, BF919629, BF925739, AA446627, N59584, W65393, AA280078, AI694016, BF725735, AI932841, BE910617, AL532144, BF223553, AA837231, AW956434, BF919249, W22072, BE410198, BE185031, BF688595, AW966809,

					AA054963, AW955776, AV726329, AW955967, AV705994, AW954349, AV704434, AV727915, AW958216, AW965506, AW965020, AW966755, AW958040, AV692622, AV686336, AV707276, AI547038, AI547137, AV729015, AV698095, AV704472, AV706396, AV703344, AV705730, AV683996, AC007881, AJ242910, AK001812, AJ132931, AC007881, and AC007881.
HBWBD25	291	800765	1 - 1490	15 - 1504	AI368804, N74612, AA630469, R18135, R18136, AV656321, BF833015, AW896339, BE709787, AC000385, AB007953, AC004924, AC005326, and AC027341.
HBXAS93	292	836513	1 - 1745	15 - 1759	BF742127, BG028665, BF982222, BE386554, BF901469, BE067011, BE545345, AW273350, AI671077, AF111173, AF100172, AC007050, AC005412, AL034380, AL136418, AL133448, AC005520, AC010412, AP000359, AF053356, AC007537, AC005280, AC006538, AC007308, AP001752, AC010205, AC004876, AC004805, AC011310, AP000045, AP000113, AL354720, AJ251973, AL117344, AF168787, AF200465, AC008745, AL161936, AL137074, AC011489, AC018637, AL096701, AC005746, AL035458, AC009116, AC011465, AC009756, AC002565, AC004152, AL355392, AL110115, AL035086, AC008044, AP001630, AC004816, AP001717, AC006111, AL355984, Z84480, AC005015, AP000305, AP000504, AL121753, AC005098, AC008753, AC005225, AL035587, AC020904, AC009477, AC021016, AL162584, AC005399, AP000501, AL132713, AC006330, AC010311, AC005756, AP000354, AP000352, AC002400, AC011475, AF109907, AC008543, AP000300, AC006241, AC004166, Z97054, AL136300, AC011452, Z81308, AP001748, AF243527, AC004858, AC005102, AC008040, AE000658, L78833, AL035071, AL353701, AC005331, AP000115, AL031121, AP000047, AC005086, AC007619, AC004867, AP001053, AC006948, AC007686, AC007366, AC005578, Z99716, AL049840, AC007666, AC010358, AL356379, AC005972, AC009087, AL021939, AL109976, AC004826, AC004638, AL022324, AC004089, AC007055, AC010677, AC007383, AC006130, AC008687, AL050335, AC007216, AF129756, AC009600, AL049758, AC004383, AL133245, AC011455, AL031311, AC009953, AL031680, AC006449, AL137818, AC005103, AF001548, AC005726, AL031432, AC011490, AC024075, AC004148, AF196779, AL133551, AC005277, AC004491, AC005057, AF196969, AL162615, AC008569, AP001714, U47924, AC004887, Z98950, AC004967,

					AC009506, AC005522, AC005300, AC006480, Z98752, AL133240, AL049759, AC005037, AC010473, AL137139, AC005940, AL050318, AL157931, and AC040160.
HBXAT27	293	815571	1 - 2392	15 - 2406	BE794308, BF508826, BG258199, BG258937, BG176669, BE781784, BF968241, BG024971, BF034651, BF238182, BE785732, BE743443, BG028860, BF315161, BE083110, BE269219, BG256743, AW131550, AI826692, BE263007, AW131834, BF337515, BE257334, BE903515, AL110387, AI797239, AW953315, BF813788, AW027065, AA701674, BE169139, AI885586, BE257254, AI949831, AA399326, BG256846, AI061443, BF813140, BF960773, AI524069, AI263277, AI912870, AA098955, AW519099, BF127648, AA460587, BE090583, AI143583, AL119187, AW304467, BF678334, BF210234, AW027064, AA516118, AI250835, BE782771, BE884824, AA954164, AA886390, AI679587, AI088740, AW629262, T33648, AW663638, W69506, BE063281, W69628, AV659863, BF904966, AA770250, W28390, AW388040, AA461514, AW090322, AA111893, AA024541, AI240787, AA024542, W28214, AA490728, BF205992, AW407875, AA172279, R88050, AA954203, AA563892, AI248710, R81028, AA912237, AW518226, AA497010, AA085564, AA491219, BG112802, AA741413, AI950487, D11607, AA978268, D53527, BE885225, D11591, F07214, BE044020, T31534, T32424, R88873, BE872589, AA877513, AA680255, AA085693, R00252, T33647, D53531, AA173246, AA312385, H15801, H71528, AA356261, AI280596, BE041310, BG168713, M78805, AI245658, AA356994, BF576534, R88984, AA333609, AV705274, AA249353, R92997, AA613363, H90510, AA361057, AI807716, AA988044, T35518, R88812, AW503111, AA398333, AA368084, R80822, AA360632, D54086, AA361285, AA345472, BG171212, H90606, AA090145, R40811, AA489592, D54201, R89532, N55685, AW387907, AA330326, AI870083, AW387910, T34206, R87999, AI014770, AA343953, AI446398, D55595, R93038, AA173255, BE179101, BE970006, AA679638, AA176988, D54495, BF754913, BF816058, AW081060, BE167956, BE252211, R00362, D52880, AI630022, BE167921, BF886986, AA416480, BE769838, BE222887, AA403203, AI287684, BE268955, F09373, AI203910, BG180771, AA044287, AA151108, T05574, AA831470, AI884358, AC007845, AC016025, AC016026, and AL356307.
HBXAW57	294	815650	1 - 1363	15 - 1377	T03467, AP001751, AP001046, AL035249, AL133240, and AC068059.



HBXBI29	295	847000	1 - 2029	15 - 2043	AW450345, BF059281, AI652060, AI028301, AI341171, AI148944, AI932320, AI222080, AI018400, AA911242, AI214979, AI917686, AW881598, AI187962, AW938013, AW468183, BF818066, AU146183, AW965370, BF131289, BF743384, AW004962, BE382352, BF026808, AL031121, AL163206, AL008629, AC001234, AL031728, AC005340, U91327, AC010519, AF249850, AL121875, Z99714, M64404, AC012147, AC005387, AC003009, AF027865, AC003694, AL161644, AC005215, AC000398, AC004104, AC010132, AL009179, AC007080, X66603, AL050331, AK024585, AL049861, AC005953, AB042030, AL031073, AC002121, AC006330, AL158144, AC002402, AC005955, AC005615, AF109719, AC002401, AL356750, AL137220, M57283, U02391, AF249863, AK025061, AP002530, E15702, AC008641, AL162742, AF287263, AC005193, AJ277261, AL034429, AL050284, AF311103, U67418, AL356464, AC023905, AC007002, AC034242, U07183, AC004920, AL109804, AL445242, AK021937, U16984, U92882, AL135978, AC009307, AC084392, AL133355, M60322, AC058790, AF259750, AC009226, AC008064, AC008067, AP001697, AF213884, AF284823, AB051897, AC003957, U62328, AF016405, M88301, AB042197, AX027824, AF038537, AF093624, AC007405, AF055469, AC068999, AP001599, AL021879, AF026198, AC068906, AC006992, AB040879, AC034109, AF153354, AL118505, D85183, AF120480, AL139186, D10727, Z93022, Z99297, Z84720, AL136230, AC000400, AC008997, AL359853, and AC026028.
HBXBM24	296	823353	1 - 699	15 - 713	AI939532, AI356205, and AL515339.
HBXBM78	297	812527	1 - 2777	15 - 2791	BE388876, AV722966, AV760983, AV762946, AV762161, BF185935, BF108823, AV759946, AV761323, BF064074, BF689470, BF001385, AL046433, BE349503, BF690404, AI819289, AI090048, AW305162, AI857825, AA551911, AI963412, W04340, N90883, AI970338, AI652494, BG055077, AA502649, AI200346, AA158746, AW083258, AI348109, BE551410, AV763075, AA150467, F29360, F21409, BF436259, AA040295, AI831018, W16820, AA514281, W79500, T67539, W79599, R86673, AA807108, BE502539, BF344822, F25102, F36686, AI351521, AI961780, AA609867, AW206720, AA056972, F24355, BE164504, BF917215, AA311166, AA513661, F30483, AI805040, AI349360, AA532766, AW590360, AI962009, BG236085, T64334, AI720757, AI832241, AI817647, BE140360, AI400242, R86847, BF741663, AI383420, T65686, N74174, N92928, AA584402, AW138172, BE170117,

					AA297326, AA359080, BG253152, AF113615, AK025992, U23861, AC008594, AC008594, AC040160, and AC040160.
HBXCD59	298	860439	1 - 2003	15 - 2017	BF531033, BF528171, AW950918, AI870415, BF340451, AI360233, AI038686, AA779580, BF338970, AV724360, AA682963, R24329, BE767216, T05265, BE767190, AA350513, R24342, Z43109, H11777, Z45111, Z42002, BG030716, R20097, R17120, N54121, H00149, AA774883, BF921123, AW370555, T06869, AA247964, H58760, N88601, N83168, N88782, N84855, AA095359, N83992, N89520, AA096046, N84048, N83991, AA247827, AA095641, AA096066, N84718, N83993, N86694, N84830, N55698, AA089553, N84712, N88518, AA471338, N84829, N87989, N87898, D87458, AX045769, AX026540, U48696, AF102850, AF045432, AF103726, S78798, AR074144, U39066, AJ243486, AX026542, AF039698, AR066487, AR074136, X98248, AR074139, AX026543, AX026547, AX026552, AF032922, AX026545, AR083937, AX026539, AJ401268, and AX026550.
HBXCE43	299	809108	1 - 1259	15 - 1273	
HBXCG08	300	628501	1 - 1865	15 - 1879	BF305556, BE786667, BE747865, BE274735, BG120818, BE898240, BF858030, AI859770, BF858037, W29032, AW296741, AA489437, W47240, AA939281, W47124, R89672, BE300490, AW192057, R88686, BF313304, R89636, R85339, R88836, R85915, BE314762, AW992785, AW366367, U25912, AW992799, AW151870, AA513122, AC004671, AB029004, AC002350, AC016543, AL133245, AC004771, AL009181, AC009086, AL034429, AC006132, AC022073, AL445483, AC009756, AL121903, AP000501, AC007956, AC004922, AC005781, AC021016, AC004985, AC005899, AC010422, X70410, AL157938, AC020898, AC007404, AL450226, AF030876, AF031078, AC005921, AL137039, AC018751, AC007537, AC009516, X85545, AL118506, AC005317, AC006538, AC005255, AC004671, AC004671, and AC004671.
HBXCM52	301	799513	1 - 2506	15 - 2520	AU132633, AU119136, BE799425, BE780992, BE793190, BF217040, AA779588, BG028776, AA199859, AA779718, AA664343, AI751072, AU152580, AW962822, AA633737, AA355825, R20381, Z42654, F08207, F02149, AI609972, AW500029, AI732151, AA199929, AW779609, BF681619, AW270768, AW819125, AW069227, AI291037, BF946053, AW237905, AW271917, AA504818, AW468372, AW572721, BE301584, AI357823, AU152561, BG222813, AA584484, BE062476, AW190505, T06202, BE062478, AL079734, T74524, AW080811,

				<p> AI732120, AW963463, AI249683, BG010084,  AA829065, AA704393, AA487226, AI754037,  AI612142, AA904275, AI564185, AI017251,  AI049630, AL138329, AI634187, AV756491,  AI445883, AI753365, AW674258, T57767,  AW963444, AA630854, AW969941,  AV710045, AA527209, AW191886,  AW873261, AI251576, BF991208, AA558404,  AA536040, AI859946, AW028429, AI583252,  AI753672, AI446205, BF743814, AK025915,  AK001590, AB046624, AC007792,  AC011465, AP001753, AC007619,  AC007055, AC026805, Z95152, AL117382,  AL049569, AL031431, Z93016, AF019413,  AL021578, AF053356, AL050349, AF314058,  AL450226, AC004771, AC007384,  AL133274, AF168787, AL121712, AC009123,  AC006241, AC020904, AL020996,  AC007292, AC008264, AC012667,  AC004906, AL137039, AL122020, AL022476,  AC011510, Z54246, AL445705, AL050335,  AC002365, AP000502, AC005180,  AC006111, AL121753, AL121601,  AC005038, AC021752, AP001728, U95740,  AC007225, AL031685, AC011469, Z97053,  AP001054, AC004650, AL023653, AL022323,  AL050318, AL031388, AC083874, Z85987,  AL033547, AC005703, AL035683, AF139813,  AP001752, AC008119, AL033527, AC009238,  AC004655, AC006966, AC010605,  AL359704, AC003010, AL031737,  AC003043, AL035447, AC006126,  AL034419, AL049766, AC002549, AP000010,  AC005914, AC009075, AC007011, AJ009611,  AC008277, AL161627, AC018716, AJ011930,  AC010463, AP000115, AC009242,  AC009016, AL031984, AP001711, AL022311,  AC011497, AL033529, AC005625, AP000344,  AC004526, Z97183, AC008747, Z93023,  AP000212, AP000134, AL135818, D86991,  AL445490, AC010087, AC003982,  AC007057, AL049759, AC011473,  AL133500, AC006480, U95090, AL161666,  AC002316, AL109984, AL136304,  AC022407, AC006597, AL035669,  AL022721, AL133507, AC007676, AL138836,  AC007193, AC083861, AF258546,  AC010206, AC005015, AL096814,  AC005746, AL080249, AC011479,  AC000134, AF195953, AC002350, AJ009616,  AC004668, AC004832, AC005790,  AC005535, AL031432, M26434, AL137067,  AL137073, AC007782, AL031985,  AC006132, AL031680, Z98304, AJ400877,  AC005632, AC011490, AC009244,  AL121585, AL079295, AL445483, AL163283,  AC024561, AC008812, AP001743, Z93096,  AC025593, AL022162, AP000030, AC010422,  AC005513, AL031595, AC004104, AP001067,  AL132653, AL009178, AL035462, AC007421, </p>
--	--	--	--	---

					AP000356, AC008736, AL356747, AC007220, AC026704, AC004099, AC007277, AB016897, AL138759, D87002, L78833, AC016898, AC020917, AC008403, AC006468, AC006530, AP000555, AC007597, AC002470, AP001052, AL022165, AC009086, AL031281, AF067844, AL365271, AL022313, AL157838, AL034423, AC002070, AL117335, AC008745, AL355392, AL020995, AC073593, AF235098, AC005920, AL137162, AL139327, AC008265, AC004644, AC002978, AC008687, AL355386, AP001712, Z83844, AC002119, AC004659, AP001714, AC005071, AP001504, AC011442, AL008726, AL135912, AC004125, AC004596, AC002554, AC011527, AL117380, AC005099, Z82215, AL035071, AC004472, AC005839, AC009721, and AL356392.
HBXCQ03	302	589516	1 - 954	15 - 968	BG120175, BE544936, AI201576, AV715085, BE784521, BE907045, AW954163, BE903963, AI523237, BE896658, BG178628, AI129802, AV716639, AI093553, AI609536, BF971819, BE865555, AI803312, AA447254, BE390304, BE796919, AA868174, AV759937, AV647691, N30176, BF541180, N24318, BF516529, AA453632, W37958, BE162169, W37898, BE568162, AI017441, AI755029, AW063634, AA181847, AW063677, AV754412, BF381600, AI139185, AA581849, BF843365, AI583215, AA286953, AV706513, BF843410, AA622390, AA593083, AI149776, AI147768, AW001548, AI126677, AA454050, BE882004, AI056923, AI075220, AA977028, BE673356, AI056023, AA854448, AA676961, AA989490, R95065, AI138447, R32288, AI937702, AI203651, N39222, AI167871, AI566213, AA287960, AV744208, AI077623, AI245299, AA928193, W46559, BE646003, AI355962, BF219142, AA484710, AA600331, AI760290, W79221, AI832052, AW237497, AI271783, AI298203, N70085, T87348, AA687733, AI991443, AA057201, AA470688, W46579, AA612840, H98821, W74509, R32264, AI805681, AI922006, BF941896, AA760827, AA299857, W00834, H98890, AV740884, AW063915, N23546, AA197188, AA644194, N39439, BF923729, H71672, AI658834, BE170263, N31237, AI362144, BE707356, AA055230, H08378, AI214394, AI190432, AV761586, AV759837, AA197197, AA437167, AA365540, T78855, W39071, AA304197, BF195909, AW771916, AV743851, BF130346, H11007, N46121, BG255863, AI927319, AA356963, AI264938, AA399247, AI208045, N46666, AW972756, N40822, N89815, AA360450, AA344227, AI928313, AA365174, AV740004, N48552, AW023822, AI301745, AI219014, BE699110, BE699132, AA057153, AI193498, R94976, T85817,

					AW663147, AA299856, AA526645, AA313298, AA412240, C15338, AA186582, R32313, AI887053, AI673115, R32332, AW378861, AW378860, AW378880, AW378863, AI497748, AW378885, AA360138, AW370705, AW362208, AW378886, AA093137, AW362187, BE699119, AA960760, AW370735, AW378872, N21302, AW378879, AW390878, AW362226, AW378909, AW378867, AW378875, AW795510, AW378902, AW378864, AA918866, BF349875, BF886586, AW378881, AW378851, AW378841, H08280, AW378866, AW378848, AW378868, AW378862, BE699144, AW878890, AW362183, H08377, AW378846, BE830383, AA435516, AW378855, BF349871, AI027826, AW378913, BE699131, BF349870, AA447131, AW878953, BF516110, AW378853, AW378460, AF105025, AF078862, AF161520, AF151862, AF233340, AK025623, Z62887, Z66170, Z64031, and Z56026.
HBXCR15	303	731861	1 - 1221	15 - 1235	AL534810, AL534387, AL535104, AI878947, AI934453, AL534169, BF345871, N34403, AW291820, AI948422, AW149505, AA161489, AA775285, AA976241, AL535103, AI983977, D80841, D60261, AI356643, AW872857, H19726, R44316, R44451, AW339237, AI566954, AI694577, BG059542, D80639, H17103, D81701, R87590, D80938, R44315, AI880344, R42107, H20064, D61349, D59321, AA350959, D60214, D60136, R15366, BF529462, AA338646, AI816257, R14282, R37720, AA351196, D80937, BF956594, AW957601, N48637, R19665, BF346067, H17721, BF959698, R54366, AB012162, AB022529, AC027307, AC027307, and AC027307.
HBXDL52	304	873460	1 - 2297	15 - 2311	AU119437, AU137547, AU120638, AW952705, AI126298, AU157282, AA928139, AU146650, AA884911, AA669075, AW237645, AA984931, AW207449, AW102724, AW901618, T75092, AW873598, F10664, F13070, AA909557, AA323033, AW104892, BF438108, AW885975, AA122151, R15207, F12792, T75332, AA483610, AA736795, AA989534, Z42341, BE612612, AA249408, AA039633, N88944, T06701, BF697021, BE833299, AL445216, AK001134, and AL137503.
HBXDL52	305	889328	1 - 2297	15 - 2311	AU119437, AU137547, AU120638, AW952705, AI126298, AU157282, AA928139, AU146650, AA884911, AA669075, AW237645, AA984931, AW207449, AW102724, AW901618, T75092, AW873598, F10664, F13070, AA909557, AA323033, AW104892, BF438108, AW885975, AA122151, R15207, F12792, T75332, AA483610, AA736795, AA989534,

					Z42341, BE612612, AA249408, AA039633, N88944, T06701, BF697021, BE833299, AL445216, AK001134, and AL137503.
HBXDN08	306	566765	1 - 1043	15 - 1057	BE906748, BF218201, AW081278, AI333308, N98688, AA703183, AI479988, AI193601, AI683545, BF440014, BF694432, W90604, BG055247, AA745924, N76115, AI679961, AA453843, BF062867, AI948693, BF697551, W05566, AI679521, AA443841, AI373921, AA453759, H04280, W90281, AW369676, AW449922, AA699486, N70761, BE296059, BE004467, AI580844, AI445358, BF344475, AA431912, R55259, AA443699, N66163, AW747961, AA992879, Z41490, AA007177, BF756284, T99424, BE270351, T99530, BE295152, AA007176, BE892466, AI424134, H40015, R43458, R40222, BG116037, N48414, BE294735, AV757973, AA976548, AI214537, H02986, BF986044, BE000838, AI696420, BF090636, T25107, AL534238, BF090769, AF039843, AX035193, AF176904, AF176905, AF153084, AC012110, AC012110, AL354668, AL354668, AL354668, AL162211, AL162211, AL162371, and AL162371.
HBXDN65	307	840021	1 - 1934	15 - 1948	AV763460, AW162314, AV758849, AV683406, AW162332, AA180056, AI174703, AA280886, AW409621, AW265468, AW410844, AI890283, AA610644, AW514844, AI446618, AV755245, AW474825, AW021674, BG180320, BF724416, AI754257, AW409626, AW970856, AA765899, AW328185, AA425283, BE677164, AA807704, AI312267, AI890297, AV702625, AL121039, AW338376, AA171400, AI732720, BG003974, AI702049, N99245, BE882869, AI344906, AW275432, AW962791, AW502688, BF940118, BF525663, BF880881, AI444575, AA568303, AA557945, AW962971, AW023390, AI270280, AV759517, AV734311, AI254267, BE273825, AI567676, AW963552, AW157128, AW419201, AI252005, AI254463, AW157424, AU120423, AW410409, AI076729, AI819419, AW072963, AW148821, AW504667, BG059139, AA533660, AV757180, AW873417, AA640305, AI038029, N72678, H53546, BF812696, AI064968, AV760560, AA618531, AI003068, AA554289, AU151751, BE080768, AV760048, AA631915, AA603359, AA489390, BF725436, BE244308, AF126947, AW575808, AW963295, AA728954, AI572680, AW268793, AW403177, AI636422, AA218684, AI285651, AW839858, AA313025, BE049409, BE152006, AI609992, AW148964, AW875184, AW731858, AV763650, AA636077, AW631267, AI028148, AV651424, AV706458, BE744372, AV652066, AI251024, AW439224, AI889995,

				BF882222, BG000680, AI753131, BF973510, AL523272, AL135420, AA935827, AL135513, BG250794, BF448553, AW968167, AV735017, BF814446, AA084320, AU146789, AV731938, AW974923, BE967607, AL041924, AW069110, AI570067, BF970107, AI857834, AI708108, AU158433, AV741384, AI884404, AA133568, BG231195, AA593168, AA568433, AA632355, AA568311, AI754926, AI433952, AI744963, AI348780, BE747923, AV683668, AV743869, AI215720, AA834891, AI921744, BG111072, AV727766, AV687027, BF882223, AW576292, C75332, AW516058, AI538404, AI791659, AW029626, BF680389, AI174827, AI744890, AI745666, AA748071, BE245594, AW968350, AI815770, N25281, N26159, AA569220, AA969564, AW103990, AU158457, BF816784, H47461, AW020682, AW974283, BE139230, BF218253, AI571894, BF126247, AW975150, AW162762, AI791720, AI791408, BE391183, AV756809, AI744199, AL044701, AA199578, AL022315, AC012309, AC003665, AC005000, AL353807, AC009032, AC018663, AD000092, AL021453, AJ011930, AL163300, AC005209, AC008753, AF038458, AJ003147, AC008264, AL031281, AL117334, AL445248, AC020916, AC006211, AC009087, AL035086, AP001068, AC006345, AC009362, AL132866, AC020906, AF051976, AC006157, AP000365, AL121653, AL139389, AL138706, AC027319, AL049538, AL137230, AP001725, AC021752, AL035458, Z73979, AC004263, AC009228, AC005828, AC008044, AC005295, Z98742, AC016025, AL049757, AL354680, AP000260, AL135927, AC007227, AP000503, AC020904, AC010422, AC002310, AP000099, AC000075, AF134726, AC002477, AL121712, AC004883, AC004771, AC002375, AC006064, AL031311, AC005031, AL109797, AL022326, AC006509, AC000115, AF207550, AC007050, AL159168, AP000692, U93163, AL022316, AC000052, AP000036, AP001712, AL117381, AC005052, U80017, AC010271, AC011473, AC006141, AL031255, AL365505, AL133545, AC011495, AC004848, AC007381, AC005664, AC020934, AC005701, AC005251, AC008038, AF111168, AC007957, AC005098, Z98172, AC005618, AL022163, AP000547, AL161802, AC022137, AC005755, AC004491, AC006942, AC006468, AL356299, AL118506, AC006547, AC011475, AL121886, AL161757, AL139100, AC004051, AL035420, AC004019, AP000511, AL050335, AL132659, AL049840, AC007597, AL117348, AC010677, AC004087, U52112, AC008080, AL020997, AC020945,
--	--	--	--	--

					AL031230, AC005740, AC007790, AL121655, AL133448, AC005212, AC016594, AC005826, AC004821, L78810, Z97632, AC000039, AC006241, AL031767, AL109758, AL049839, AC008521, AC005230, AL135839, AL122001, AC026431, AC004973, AC006474, AC016637, AL353748, AL096700, AL354836, AC005822, AL135844, AL121754, AK027150, AC010267, AJ295844, AC007214, AC004166, AC006538, Z97181, AL354948, AL020995, AC004089, AC018764, AC011462, AL008716, AP000961, AC016026, AC008733, AP000553, AF165926, AL031575, AC004084, AL137159, AC006967, AC015550, AC004876, AC006449, AC073898, AP001688, AC021016, AP000248, AC078899, AL031284, AL158830, AC005840, AL354943, AC005080, AC008736, AC020655, AC005103, AP001629, AC006261, U73636, AP000556, AF195658, AC009469, AP000309, AC018719, AF047825, AC004531, AC005821, AL157760, Z95152, AP000115, AF023268, AL133286, Z82215, AP000116, AC005726, AC004971, AC006026, AC007421, AC005529, AC008543, Z97056, AC005089, AF168787, AB023048, AF196779, AL133264, AL122020, AL133387, AC004477, AL050338, AL034423, AC003957, AC006487, AC004150, AL138756, AC016620, AP001717, AP000049, AC007240, AC007335, AC018751, AL008640, AC073316, AL157384, AL445263, AC011912, and AC011912.
HBXFA04	308	842901	1 - 608	15 - 622	AI016087, AA416923, BF445341, AI187411, D81712, AA393224, AI366709, AI138856, AI300972, BF446095, AI208569, AA770226, AI266465, AI273636, AA806060, AI469870, N78510, AW138575, AA620996, BF511047, AW612658, AI681313, AV737414, AI347395, AA192299, BF589340, BE857975, AI310114, AI308072, AI142657, AI311563, AW005093, AI078265, AA917590, AA780190, AI264128, AA416858, AI479418, AI094689, BE857372, AA025864, AI971045, AI870613, AA723525, AI273866, AA975941, BE280253, AA443766, AI971121, AA626296, AA435851, N73669, AA935945, BE907087, AI681934, BF110215, AI735291, AI749426, AA476818, AA026598, AA196353, AI919372, AA196360, AI292139, AI680820, AI269875, AA196338, AI306499, AI690271, BE045317, AV743029, AI306498, BF664988, AA417880, AI735033, BF690782, AA192313, AI804297, BF540829, AA469915, W84495, W84355, AA248888, AV724520, AV718692, AV718489, AV744771, AV745847, AV719783, AV720464, AV701012, AV742001, AV745190, AV745920, D80168, AV743601, AV746385, AV718844, AV720731, AV701121,



				<p> AV701261, AV745724, AV701055,  AV701043, AV701017, AV701248,  AV701431, AV745723, AV699927, D59619,  D80253, AV745197, AV742667, AV746335,  AV720203, AV701125, D80219, AV701118,  AV720812, C14227, AV722801, AV701163,  D80196, AV737584, AV740535, D59927,  D80134, D51423, AV745369, AV745831,  AV744934, AV719822, C75259, AV745366,  AV745853, D80366, AV701021, AV746162,  AV738934, AV701166, AV742720,  AV723927, AV701145, AV701154,  AV721784, AV700889, AV745080,  AW973447, AV719000, AV745488,  AV744768, AV744773, AV699447,  AV700229, T11051, AV743008, AV699550,  AV701344, AV699479, AV701332,  AV720211, AV741888, D59787, AV701249,  AV701231, AV701143, D59889, AV743654,  AV723097, AV745392, D80193, AA824614,  AV701227, AV701149, AV701422,  AV745388, AV701330, AV701335,  AV701419, D80043, AV745281, AV741012,  D80210, D80240, AV745490, D80195,  D80391, AV745193, AV745251, AV745583,  AV701428, AV719324, AV701151,  AV701130, AA285331, AV745621,  AV701260, D80038, AV701415, T03269,  D80022, F13647, AV701224, D80949,  AV701443, D51799, D80227, AL039924,  AV745379, C14014, AV721386, AL045794,  AI535983, AV742671, D80188, C14389,  AW959570, AV701328, D58283, D81030,  AV718800, AV741220, AV718770,  AF161386, S78798, X98248, X68127,  AR074141, AR066482, AR017907,  AX047062, AX027925, AR025207,  AX020190, AB037923, Y17188, I18371,  A67220, A25909, AR088705, S69292,  A85477, A85396, D34614, AX021518,  A86792, AR092424, AR008430, AR037157,  A80951, AX042372, A20702, A43189,  A43188, A20700, AB012117, AR091537,  I19525, AX006825, AX006826, AX006822,  AR062872, AR062871, AR062873,  AX026824, AX026823, AX001082, A84772,  A84776, A84773, A84775, A84774,  AR067731, AR067732, AR079804, A58522,  A91750, AX035462, AX006821, X92518,  D26022, I15997, A44171, AR074144,  AR080917, Y11449, I68636, AX033851,  AR051191, AX020191, AF045432,  AX046357, AB035274, AR074139,  AR023705, D14548, Y11447, AR061736,  AX047063, AX003194, X58217, S70644,  AX026540, X55486, AR036905, AR072503,  AR072502, AX006817, AF130655,  AX046223, A75888, I70384, A18050,  AF102850, A62298, AR007512, AX026545,  A23998, A62300, X89963, AR077142, </p>
--	--	--	--	---

					AF032922, AX012337, AC069451, AX008555, AR095490, A18053, I06859, A23334, AX003207, AR054723, A60111, A23633, A43601, X60736, U48696, U39066, AF135125, AJ243486, AR080470, A02712, AF103726, I66487, AR038762, A95051, AR095491, AR064706, AR073846, AR096545, I84553, I84554, AX006820, AX035632, AX035630, AX035631, AX035629, AX006819, AX006818, AF261964, AF039698, A97211, A95117, A91754, AX026821, AR031374, A49700, AR031375, AX001325, AX001326, AX001323, AX001324, A58521, AR020969, AX033488, X83978, AX009712, A38214, AX033489, AX033490, I56772, I95540, AR018924, AX033486, AX033487, A63067, A51047, A63064, AR018923, A48774, AX023549, A63072, A48775, AR068507, AR068506, AR000006, AR015960, AX023550, AR000007, AR015961, AX033474, X73004, AX011024, AR072501, AX001322, AR071572, AR064240, AF019720, X67155, I19516, AX015713, AB007195, AR095492, AX006823, A58524, A58523, D44443, I00074, D88984, AJ294956, AR066487, AR074136, AB050005, A95052, AX023554, AR083151, AJ244003, AJ244004, AJ244005, A04441, A04442, A98767, A04447, A04448, AX006816, A93963, A93964, I63120, AR043602, AR043603, AR043601, AX023555, AX023556, AX023552, I66494, AX023547, I60241, I60242, AX023551, I66498, I66497, I66496, AX023546, AX023553, AX023548, I66495, and AX026543.
HBXFE64	309	838824	1 - 1633	15 - 1647	AA904211, AI284640, BF668217, AI355007, AV740801, AI826761, AI345654, BG222580, AW502975, AW627747, AI744830, AV763026, AV763058, AW243793, AI936229, BE350475, AW949694, AW517900, AI223968, AA704393, AI244127, AV761631, AI186438, BG059523, H73550, AA602906, AW957372, AA610491, BE047069, AV764398, BF589824, BG223316, AW238253, AC007536, AF053356, AC005736, AB020868, AC004895, AC008543, AL135749, AL137780, AL139099, Z82201, AC008760, AL356801, AC005971, AL356422, AC000115, AC002369, Z98051, AL133445, AC004485, AC015651, AP001207, AP001598, AC004858, AC004477, AC004916, Z97632, AC010271, AC005620, AC005082, AL157838, AP000140, AC011510, AL022322, AL031847, AC006160, AF176815, AP001697, AF109907, AL445705, AC010553, AC005913, AC002404, AP000555, AC004846, AC008014, AP001748, AC020954, AC004824, AC008482, AC010150, AC005696, AL135839,

					AC005274, AC005379, AL391833, AL035405, U95742, AC004166, AC018452, AC009075, AC004531, AC005822, AC024561, AC004887, AC011475, AC040171, AL034420, AC005695, AC011895, AC005328, AC011455, AL031678, AC008736, AL135901, AC002303, Z95331, AL121601, AC005098, AC018720, AL021878, AL023882, AC004883, U96629, U07563, AE000658, AP001709, AL021918, AL445248, AP000959, AC022308, AL136231, AC021036, AP001053, AP000088, AF001550, AC006511, AL022336, AC008687, AL121981, AL023879, AC005899, AB004907, AP000502, AC005080, AC002477, AL031281, AC006327, AP000556, AC016830, AL121583, AL035659, AL031770, AC009516, AL136124, AC006985, AL356244, AC020916, AL162615, AC008753, AC002565, AC008569, AC004033, AC008651, AF134726, AL121952, AC006285, AC005846, AL391839, AL158193, AL034380, AC007537, AL157938, AC027319, AC007216, AC005837, AC006064, AC008102, AF196969, AC007546, AL020995, AX033915, AC006515, AL035661, AL031848, AL136096, AC004593, AC005759, AL133215, AC006544, AC007365, AC006365, AC006543, Z92542, AP001717, AL133387, AC007277, Z95114, AC004991, AL450226, Z95152, AL023575, AL133453, AC005015, AC073898, AC016027, AL035404, AL356748, AC004089, AC005007, AC005288, AC002400, AL118506, AL121712, AL137039, AL391259, AC018751, AP001752, AC006483, AL109952, Z99495, AL137230, AL133448, AP000356, AP001629, AF196779, AC007383, AC006211, AC008745, AL109920, AC020946, AP001712, AP001685, AP001695, AL022326, AC003962, AC004826, Z83844, AL023883, AL137179, AJ246003, Z93930, AL021154, AL080243, AC005237, AC005722, AC004149, and AC011497.
HBXFI33	310	610452	1 - 584	15 - 598	AL121865, AL121865, and AL121865.
HBXFP72	311	688040	1 - 1453	15 - 1467	AV700240, BF034794, BE542761, AW955753, BE858597, BF820813, AV700056, AW834834, AA977676, AA039596, AI871723, AA039597, AI201016, AW338088, AI923596, AW268550, AI016244, AA826433, AA165179, BF573340, BE710275, AA876424, AW130871, AW994254, AI168822, AA743485, AI039963, R81034, BE827094, AV686074, AA526606, BE938870, AV713749, R80933, BF898713, AW131872, BF889337, AA367044, AA278895, AI352299, AI688836, AV735068, AK024961, and AC008831.
HBXFS31	312	815651	1 - 1537	15 - 1551	AU120416, BE973855, AL120058, BF965394,

				AA470582, AA488903, BG026977, AA513917, AV763026, AV763058, AV761107, AI061313, BE138594, AI754567, AV758870, AA602906, AI923052, AW969667, AW505253, AV759632, BG029528, AW576251, C18751, AL079734, AW269504, BE677164, AA507993, BF768846, T74524, AI625604, AW341978, AW265614, AV762633, AW270258, BF725761, BE062478, AV695478, AV764259, AI537020, AI754170, AV762430, AA535216, AV760508, AA659832, AI755214, AW500684, AA452838, AW468009, AA658918, AA604645, BF804385, AI521525, AA603315, BE676676, AW974751, AI279417, AW816516, AI669421, AI754105, AA569667, AW021917, BG036665, AV710482, F23264, AW819125, AW973992, AW805539, AW833297, BE327876, AA715173, AW963463, AA715075, AL135377, AI278089, AV757289, AA659324, AW471092, AC016831, AC002347, AC005255, AL109921, AL136295, AC005484, AP001728, AL049636, AC006483, AF228703, AC002316, AL109797, AC020552, AL121652, Z85986, AC002350, AP000556, AC005049, AC005696, AC016025, AC010553, AC009314, AL034549, AL034405, AC005519, AC006329, AC083863, AP001725, AP001712, AC005914, AC008623, AC006430, AC009123, AL023807, AL031662, AL136298, AC003029, AC005288, AC007249, AL121890, AC005527, AC011491, AP000501, AL024498, AC004840, AC008569, AL162615, AC008753, U91323, Y14768, AC011442, AF045555, Z85987, AC009247, AL138741, AC002312, AL096791, AL031311, AP000505, AL121585, AC011497, AC011484, AF038458, AC008536, AC008812, AC005274, AC005829, AL138787, AC008403, U52112, AC002369, AC004659, AL080243, AF001548, AC020904, AC009756, U91321, AC004019, AL024474, AL050335, AC083860, AC005902, AL355497, AC008543, AC004253, AC006285, AC005944, AL133467, AC007216, AC068799, AC009311, AC004826, AL033527, AC009228, AC023490, AC000134, AL109804, AC004890, AP000514, AC005011, AC011510, AL158830, AP001629, AC000025, AL133244, AC008474, AP000347, AC006345, AL138878, AC023510, AC011450, AC002404, AL158040, AC005102, AL021707, AL117258, AL353777, AL096774, AL109825, AL136304, AC020934, AC004821, AP001718, AC004254, AP000692, AC006120, AC004089, Z97056, AC006451, U95742, AC006236, AC007510, AC008752, AF196971, AL158828, U80017, AC007919,
--	--	--	--	--

					AC007686, AL109758, AC021016, AC005486, AC007546, AL109935, AC004832, AC004797, AC005412, AC005098, AF207550, AC005971, AF243527, AC008616, Z99716, AD000092, AC020908, AC004166, AC004801, AC010412, AL137119, AC007172, AC018751, AL021918, AC004824, AC012627, AC013434, AL162505, AC011464, AC006487, AL353807, Z93015, AL354696, AP000688, AC011462, AC004878, AC004383, AP001724, AC005081, AL161937, AC006028, AL161670, AC007404, AL049766, AL031728, AL031848, AF134726, AL136137, AL353574, AP000346, AC010422, AC007193, L44140, AL022316, AP000557, AL163279, AC008848, AC006064, Z97985, AL031597, AC003950, AC005488, AC005800, AC004967, AC000353, AC005082, AC005225, AC011489, AL022326, Y10196, AF111168, AC008551, AC003101, AC006965, AC007055, AC006017, AL109743, AC004099, AC009516, AC004859, AC024075, AB003151, AP001760, AC006101, AL163285, AC008784, AC005754, AL121601, AL022163, AF314058, AC006121, AC004905, Z97054, AL159996, AC005529, AL355392, AC004000, AL138743, AC006530, AC002558, AC010458, AC004929, AC003108, AL355476, AC005821, AC016395, AL445483, AL121989, AC008745, AC008635, AL133448, AC006023, AC006334, AC013553, AC013553, and AC013553.
HBXFW01	313	847001	1 - 1238	15 - 1252	AL534520, AA776882, AA902212, AW161944, AI815901, AI816021, AW160773, AW162341, AW953249, AW163604, AI929610, AA911738, AW163622, AI929334, AA772991, AW160925, AI929367, BF347043, AW967217, AI929442, AW964321, AI816013, AI929398, AW162956, BE047169, AI929292, AW162277, AI929266, AA450192, AA707240, AI815858, AI815865, AA626061, AI815623, AA679846, AA205316, AW162973, AI372557, AA912026, AA973414, H29665, AW161604, AI671152, AA706286, AA297816, AW903451, R87354, H29709, T08782, BF512497, H29581, R54365, R54364, T16877, T33780, T31060, AA297813, AI207162, AA165495, T33587, R59349, AA297764, R43052, AA350470, AI652341, R59407, R20266, AA350469, R46024, AI372556, AA450126, R18729, BF931688, AW452417, AW118466, T15616, T03869, R22833, AI929344, AA206748, AI657065, AA297794, AW162532, AA165397, BF943988, BF945599, R43606, T08783, AI886949, AI609483, AI929739,

					AI802846, AI345439, AI348768, BF055901, AI345520, AA488120, AF105222, AF026529, AF026530, and AF026528.
HBXGE12	314	131089 1	1 - 2502	15 - 2516	BE856551, N66656, AI953086, AI744607, AA173241, BF507861, AI339480, AI743767, AI565754, BE047699, AI362754, AI340346, AW953222, AW006084, AW015133, AI933317, AI863408, AI084095, AI885129, AA629251, BF223751, AI830892, BF307883, AI199671, AI830911, AA700777, H40797, H88498, H40796, AW592960, BF115495, AI651662, H28702, AV723914, AI740873, AI937686, R17513, AI198301, BE298994, H17223, AA173131, H08733, R42607, BE299247, H55332, R35737, AA886379, AI873220, N98939, Z83837, AF131851, AL096843, and Z84468.
HBXGL91	315	901845	1 - 2469	15 - 2483	AU123498, BF669940, BF698950, N42103, AI275144, BE538238, N33041, AA084153, F02846, AI086395, F03317, AI609217, F04586, BE933901, AK001178, AL050066, AF265577, AB020854, S56141, L22022, S56968, and S56142.
HBXGM24	316	821320	1 - 1649	15 - 1663	AW275007, AI141911, BE781027, BE245825, AU117048, AL532687, BE408894, BF344952, AL134565, AW834551, BE145121, AW834553, BE894112, BE147893, BF876571, AW817795, AW816056, AW937815, BG030748, BF815705, BF792143, AW881669, BG250853, AV730945, BE780820, AA505002, AI114667, BG104743, AW835378, AA349831, BF931573, AI940253, BF991141, BE080852, AU118935, AI086283, AW937721, AI920994, AV731285, BE074268, AA505013, AA505003, AW834576, BE145717, BG112019, BF968259, AL157598, AL157534, AW855467, AA736433, AA505014, AW811646, AV732399, AW418752, AW983779, AV750964, BF956959, BF989008, BF431227, AW896907, BF813199, AA708027, BG007655, AA598424, AA613356, BF343443, AW835380, AI809468, BF576449, BE158629, BE501524, AW890940, AA018943, AC006313, AC018712, AL121983, AC024085, AC006994, AC005969, AC005703, AC006226, AL133281, AC007731, AL391986, AC005500, AC005177, AC004969, AL121944, AC008473, AC008456, AL354750, AL049828, AL445259, AL391684, AL355520, Z82205, AC078854, AC007482, AP001731, AC007282, AC017028, AF248484, AC073504, AC004845, AC006212, AF127577, AL031054, AF196971, AC073387, AC018767, AC018503, AC004014, AC008555, AC023480, AL163207, AC006322, AC002381, AL390023, AL137226, AL021877, AP001622, AC004749, AC010251,

					AC020893, AP001746, AC005922, AL355871, AL031584, AC020603, AL110502, AL118496, AL035427, AL117191, AC078842, AC007447, AC016623, AC009225, Z78022, AC010283, AC006974, AP001621, AC006992, AC005939, AC068139, AC025470, AL137881, AL355980, AC007558, AJ271735, AC074331, AC026425, AC005774, AL354985, AC018647, AC008498, AP000353, AL391260, AC020595, AC027332, AL022068, AL163278, AL353660, AL136086, Z82170, AC022469, AC026189, AC005213, AL391666, AL358293, AL021329, AC008816, AC005352, AC006484, AC004664, AF224669, AC000119, AC007262, AC007035, AC009401, AC008716, AC007317, AC006379, AL133153, AC008127, AP001686, AC007276, AL159152, AL355984, AL353732, AL035633, AL121757, AP001684, AL080277, AC025226, AC007316, AP001708, AL136419, AC004478, AL163152, AC006249, AL049870, AL136441, AL158193, AC010685, AC004616, AC018452, AF198097, AL136164, AL445123, AC005230, AL137839, AP001256, AC011890, AC017047, AL138775, AL022395, AC023512, AP000161, U92032, AL133249, AC003091, AC009505, AC004911, AC007956, AJ277546, AL355530, AL031684, AL441887, U96409, AL138758, AL139087, AL391983, Z95126, AC006370, AL132821, AP001699, AL020989, AL096776, AC009481, AL034412, AC007785, AC009264, AC007486, AL109752, AL353753, AL133517, Z92547, Z73986, AC026694, AC006044, AL096803, AL160253, AC006196, AL022578, AP000493, AC015973, AC013447, AP002027, AC004038, AF064858, AL049635, AL133500, Z81008, AL390035, AC023275, AL109853, AC007969, AC020755, AL360272, AC020910, AC008102, AC007533, AC006362, AC023134, AC005562, AC017016, Z69648, AC026197, Z96074, AL078590, AC004949, AL139109, AL136231, L11910, AC007284, AL031000, AC007656, AC008178, AL133351, AL133351, and AL133351.
HBZAI75	317	668231	1 - 1517	15 - 1531	AL049268, AL139010, AL139010, and AL139010.
HCABP33	318	866421	1 - 209	15 - 223	AW503311, AA855019, AI832219, BE397904, AI202027, AA864900, AI400341, AA055973, BE502452, BG057841, AI424455, BF222132, AI273366, AI348210, N68010, AI498915, AI825759, AI650669, AA554534, AA218963, AW973693, AI656101, AW408617, AW408113, AL534213, BE561797, AW135522, AF086104, AF132541, AC011458, AC011458, and AC011458.
HCABW10	319	846467	1 - 2001	15 - 2015	BG176665, AC021681, and AC021681.

102160" 091201

HCACZ65	320	850785	1 - 1950	15 - 1964	AL022165, AL022165, and AL022165.
HCBAB34	321	847002	1 - 1636	15 - 1650	AL519857, AL522429, AL525166, BE738260, AI822041, AL522428, BF790896, AA442345, AA401532, BE254979, AA437268, BF435254, N52034, AA416631, N40185, AI015605, AL525165, AI027999, AA401531, AI306383, AI022127, BE566102, AI208862, AI219053, AI352148, AI075231, AA904123, H23508, AA417289, AA894783, AA861727, AI350959, W01791, BE219962, Z39955, AA682619, F03154, AW452671, AA417315, T34718, AA151473, AA416846, AA363724, AA812629, AI205763, BF889168, AA504848, R50718, BF795119, AI620469, BE737946, N54649, BF953602, BF514822, BF953600, BF950828, BF953606, BF953605, BF950827, BF953597, H23500, BF950833, AW149619, BF953596, AA600964, AA248013, R13589, Z43892, AV741309, AA776535, AI948984, BF897667, BF992791, BE893315, AI343123, AA827281, AA309473, AI049800, BF995557, BE063301, AI948959, AI822093, AA329535, AI240919, BE543257, AI682310, AI114704, AW778931, AU158351, AA862014, AU159566, AI798242, AC004024, AL356414, AC019106, AL031291, AC003665, AC006011, AC009244, AC003663, AC006379, AC006597, AC006976, AL121949, AC010289, AC004814, AC007486, AC005098, AC008372, AC003029, AC002996, AC007666, AL049766, AC000052, AC009242, AC005015, AC005049, AC004019, AC007078, Z85987, AC007191, AC007428, AL034405, AL049830, AL031727, AC009032, AC005011, AL049542, AC000353, AC009333, AC004826, AC005365, AC020663, AL079336, AC007282, AP001705, D87675, AC005667, AP000355, AC008476, AL080317, AL136999, AL121751, Z83844, AC004382, Z82206, AL121652, AL117336, AL035658, AC008569, AC009509, AC006480, AL121916, AL157877, AC010170, AL109918, AC005072, AF108083, AF168787, AC004991, AC016778, AL109976, AC003689, AL158196, AC004166, AF111168, AC078899, AC005206, AC007000, AC005304, AC006075, AL109623, AC005081, AL109936, AL109967, AL033504, AC004971, AC073539, AC009247, AC007993, AC018764, Z83838, AC004805, AC003101, AC018493, AC006112, AP000047, AC019227, AP000555, AL354864, AL121580, AC010485, AL035671, AL353807, AC006515, AL135924, AC004099, AC010632, AC005280, AC011248, AL139350, AC002115, AC018738, AC011742, AL163282, AC008009, AC004867, AC007637, AC006013, AC002044, AC004560, AC006276,



					AL035587, AC005317, and AL035072.
HCDAA24	322	806565	1 - 910	15 - 924	AI811075, BE908622, AW070435, AA708916, AA877889, BE503177, AI673586, AI290476, AA535517, BF569064, W05138, AW514005, BF127934, AA243877, AI446297, AA514267, AI240304, AA243884, AA502383, BE258194, AI682428, BF063249, BG012760, BG014657, AI784582, AA502905, BG260395, F16063, BF884748, H96943, BF904627, AA862373, N75418, and R55643.
HCDAA24	323	894773	1 - 1001	15 - 1015	BE908622, AI290476, AI811075, BE503177, AA708916, AW070435, AA877889, AI673586, BF127934, AA535517, AW514005, BF569064, AI682428, AI240304, BF063249, AI446297, AA243877, AI784582, AA514267, F16063, W05138, AA502383, AA243884, BE258194, BG012760, BG014657, AA502905, AA862373, H96943, BF884748, BG260395, BF904627, N75418, R55643, AV724520, AW966054, AV719783, AV720464, AV719468, AV718800, D80164, AW949654, AW966043, AV718487, AA305578, D80248, AR070327, AR060385, AR016691, AR016690, U46128, and AR060133.
HCDAF17	324	722206	1 - 789	15 - 803	BF666325, AI650305, AU152292, AW664357, AW664372, AI949332, BF131307, BF695543, AI206515, AU152653, BE565134, AI188549, AW169558, AW204540, AI433853, AI580329, AI624558, AA994295, Z40075, N34408, AA602338, R68268, AI015727, R54010, R53421, BF692714, AW664144, AA090402, and U72788.
HCDAH02	325	653066	1 - 651	15 - 665	BE888288, BG034953, AL536781, BE551063, BF590657, BG115945, AI373082, BF382441, BE327195, BE895010, AV759369, BF972414, AI690236, BE870346, AI870764, AV693339, T97702, AV693620, AA564435, AA354839, AA838632, BF197663, AI915144, AA377701, BE772545, AW137697, BE313508, AI954846, N42756, F06141, Z42939, N95695, R98511, BG117569, W19932, BF223742, R79680, AA131526, BE565309, BE175551, BE175535, N77708, BE018209, BF032912, BE567647, AL031597, Z84477, AC022201, AC046185, AC046185, and AC046185.
HCDAP33	326	566794	1 - 1440	15 - 1454	AW512408, BE673897, BE672198, BE739450, BE327644, BE549985, AI700700, AA777895, AI815226, AA917672, AW816301, AI911234, BG165218, BE220240, AA595359, AA031324, AI342107, AI160506, AI214211, AI580795, AI274975, AW150250, AW612650, AI346085, AI348235, AA040875, AI075236, BE739623, AI378184, AA748325, AW002792, AA938750, BF593115, BG107612, N22159, AI498479, AV757479, N59349, AA258785, AA731681, AW243172, AA810789, R53978, AI337729, AI633096, H97769, AV713780, AA258888, AA834356, BF965355, AA031323, AV713247, BF679371,

					<p>BF665456, BE739112, AV713084, AW162589, N51047, BG107672, BF184418, AI697724, BG180959, AI138629, AV758158, W94335, AV714814, AV711855, BF573379, AV734031, AV736982, AV759793, AV715759, AV710507, AV715346, BF207624, AV712397, AV735840, AV710563, AV713740, AV744414, BF685328, AA040625, AV756024, BF028645, H89099, W94453, BE890853, AI148038, BE794938, AV712181, BF381850, BF240840, AV713417, F26425, BE567246, W39695, AV713253, BG255129, BE564967, AA307814, AV701147, AA044697, BF978199, AA046123, AW966638, AI343730, AA040163, BF665472, AW976088, BF666884, AV738705, BE748064, BF211424, AW160986, BF184848, AI343875, AI143578, AA035553, AA150856, AA524660, BF696112, BE908663, AV739624, N70368, AI369400, W47488, AV707818, BF699980, AV712668, BF541497, BE969990, BF239829, BF696472, BF668106, AV760282, W79260, W69285, AW406233, BF211736, BF670049, BF184821, AV735228, AA283350, BE968807, AA513324, AV712170, AA320012, BE566027, AW873424, BF691631, F31088, BE253984, N39993, BE903993, AW971357, BE394339, BF576196, AA314633, AA824412, AI298471, AI242419, W38579, AV755358, AV757461, AA694376, AV715546, N27262, W19392, BF577077, BF185302, AI143774, AW611505, AV739741, BE395297, AW102890, BF028269, AV738450, AA812656, AV744975, AV759339, AA576131, AV760547, AV759394, W69159, AV736511, W45050, BF106040, AA007429, AA010131, AA716385, BE379846, AA150547, AA149322, AI354251, AA919120, BF698866, AV711803, BE676283, BF211604, AV754417, N90194, AA703096, AI356218, BE739161, BF668866, BF208131, BE748612, AW071769, AI888651, AI493729, W73957, BG023758, W51797, AI869736, AI708640, BE675527, AI193656, BG168551, AI199196, AA687825, BF219190, BE138584, AA149321, AW577569, W92598, BF130388, BE397086, AA514577, D52811, AA358855, AA862560, BG230934, AI749445, AI219595, AV747607, BE568838, AI096897, AI079192, AV762324, AA326606, AA938586, AI344393, AA716240, AI298063, H23856, T67865, AI571807, AW136163, AI253692, AW167928, AL050277, AF070655, AF092124, Z93241, Y17223, Z60795, AC027298, and Z65182.</p>
HCDAR40	327	654821	1 - 839	15 - 853	<p>AA572983, AA568314, AA658918, AA654038, F23264, BF873758, AI587583, AI587565, AW813668, BF725178, AW847624, AW970987, AA525807, BE328656, BF882222, AW674258,</p>

				AA525522, AI207476, AI802087, AW342040, BF673743, AL045476, N94342, AW410354, BF855114, BF983604, AI457313, AI634187, AW974996, AI935164, BF817546, AI754170, AW069412, AP001760, AP000215, AP000337, AC004971, AF196969, AC005015, AP001716, AL135749, D87675, AL109804, AF053356, AL096701, AC011500, AC010618, AC007850, AP001695, AC003108, AF111168, AL024498, AC006285, AC008753, AL109758, AC018639, AC005081, AC020916, AC005722, AC009244, AC005632, AC004983, AC009509, AC005522, AC005098, AC004965, AC011475, AC018663, AC011465, AC005736, AC005052, AL445483, L44140, AC008569, AC005236, AL022326, AC004089, AL121886, AC009086, AC004216, AL022163, AC005529, AC005080, AC016025, AL033529, AP001670, AC002350, AC009060, AC008651, AL109797, AC003007, AC008616, AF001548, AL049776, AC002395, AL138756, AC002316, AC004638, U91323, AC011479, AP001753, AC006057, AC004148, AC018642, AC020908, AC006120, AC006483, AC005412, AC025593, AC005488, AL121891, AC005527, AC008760, AB023048, AL354696, U91318, AL034420, AL122023, AC005480, AC009756, AC005914, AL157938, AC002312, AL353807, AL445435, AC011442, AP000692, AL133174, AC004867, AL121653, AC006077, AL391114, AL049780, Z93015, AL121652, AC018751, AC011491, AC005519, AC011490, AC003030, AL365505, AL020997, AC004491, AC002369, AL035461, AP000117, AC005562, AC010422, AL035458, AC004865, AC004019, AL121578, AL121658, AP001705, AC008812, AL049694, AL050318, AL137230, AC020904, AP000501, AC007679, AC005484, AC007597, AP001711, AC022148, AC008567, U07563, AC004167, AP000555, AC004796, AC004887, AC007193, AF001549, AL034380, AC004531, AC007421, AC013434, AL450226, U80017, AC005288, AL136137, AP001727, AC005696, AL022320, AC007225, AL137818, AL117381, AC022432, AC006530, AC004166, AC005899, AC005089, AL355385, AP000510, AC008623, AC002302, AC011489, AP001717, AL137039, AC004000, AL137060, AL162615, AC020552, AL022336, AC007376, AC008745, AC002992, AC006014, AC006064, AC005695, AC008009, AL118506, AL031311, AL138708, AL138836, AC009470, AC003982, AL158830, AC000052, AC009194, AC004686, AL354816, AC002059,
--	--	--	--	--

					AC008521, AC011455, Z85986, AC011742, AC023490, AP001630, AF165926, AL139343, AP001748, AC005921, AC024561, U85195, AX039602, AC006254, AC003010, AC004832, AC004821, AC083871, AC002310, AL356299, AL031289, AC007066, AC000353, AC007686, AC020917, AL049840, AC011451, AL354864, AL137059, AL121601, AC002544, AL049653, AC004655, AL096791, AC006312, AC007739, AL121983, AP000556, AC004846, AP000553, AE000658, AC009600, AF111169, AC006088, AC008848, AC008892, AC007957, AL035659, AC005011, AC004966, AP000215, AP000215, AP000215, AP000337, AP000337, and AP000337.
HCDAS02	328	896667	1 - 1103	15 - 1117	AL526881, BE905873, BE783022, AI636890, AW672855, BE552366, BE266200, AW590071, BE388729, BG031951, BF091842, BF799337, BE888385, AW204064, H22878, H11879, BE785851, R19048, AW605092, BE788805, BF758116, AW604853, AW449068, T81917, BF342756, AU125504, BF983374, AW966330, AV724520, AW975618, AL135140, AW973445, AW966389, AW973541, AW964468, C14331, AV718692, AV738340, AV718489, AV699550, AV720211, AW949645, AV692290, AV702035, D80188, AA809122, D80166, D81030, D80253, AV719822, AA305409, AW973488, AV718681, AV718938, AV718633, C14389, D51060, D51799, D80366, AW949654, AV719324, D59619, AW966013, D80210, AW960553, D80240, AV723927, D59502, AW978634, AW966368, AW966397, AV701839, AV699866, AW973307, AV720791, AW949656, AW949642, AW975613, AV720203, C14014, AW959799, D59859, AW966369, AW973490, AW949658, AV701004, D80212, AW966053, AW966059, AW966388, AW965163, AV720151, D80164, D80219, AW966054, AW973474, AW973447, AV719783, AV719468, D80439, AV718800, AW960454, D51423, AV720464, AW973330, AW978661, AA514186, AW975605, AW966378, AV718707, AV718487, AW966386, AV718931, AV720878, AV719557, AV720616, AV720731, AW966331, AW966398, AV699447, AW958993, AV722801, AW959136, AW966075, AW966065, AW966022, AV703738, AW959202, AW360811, AW966029, AW966041, AW960465, AW965185, AW965197, AW973334, AW966399, AW966531, AW966534, AW962395, AV742048, D59275, D80022, AW949657, D80195, D58283, AW975621, AW950578, AW966333, D80133, AV718770,

					D80391, D80248, AW949498, AW966030, AW966050, D59787, AW973473, D80522, AV720104, AW959597, AW978648, AW965196, AW966385, AW965184, D59467, AV718844, AW966332, AW966043, AW964756, AW949653, AV719188, D80043, AW949631, D80227, AW949643, AW949618, AW966062, AW949655, AV718440, AV720028, AW959628, AW960473, AW965177, AW959570, AW964967, AW973485, AW965175, AW966400, AW973482, AW966380, AW958992, D80251, AW959062, AW964477, AW956434, AW964488, AV699746, AW949641, AW962082, AW964532, AV699927, D80193, D81026, AW966342, AV723097, D59610, D57483, D80196, D80269, AW956397, D50979, D80024, AW952839, AA305578, D59889, AI557751, AV720729, D51022, AV720533, D80038, AW949629, D50995, AW966032, AW959582, C15076, D59927, D80247, AV655880, D80302, AV750778, D80268, AV719632, AW952852, AV726330, AV700229, AW962245, D80045, AV744690, D80157, AV720150, AV654329, AV721386, AB014564, AK023003, AC005696, AX047063, AX033851, A62298, A84916, A82595, AR018138, A62300, AX047064, AR070327, AR060385, AR087649, AJ132110, A30438, AJ302649, Y17188, AR008278, AB028859, AX027925, AF058696, AX047062, Y17187, AB002449, AR016808, AX021518, I50126, I50132, I50128, I50133, A94995, X67155, D26022, AR092424, Y12724, AX035434, A25909, X82626, AX028130, AR016514, AX020191, A67220, D89785, A78862, D34614, AX020190, X68127, AR066488, AR060138, A45456, A26615, AR052274, AR008277, AR008281, Y09669, AR008443, AR074139, A43192, A43190, AR038669, AR066487, AR074136, D88547, U46128, I14842, AR054175, X64588, D50010, A63261, AR016691, AR016690, AR008408, AR077702, AR091537, AR062872, A70867, AR093385, AR025207, I79511, A64136, A68321, D13509, I18367, AR060133, AF123263, AC005696, AC005696, and AC005696.
HCDBE76	329	840076	1 - 671	15 - 685	AV728712, AI743629, AI935657, BE962701, AI458415, BE613132, AW803310, AI435916, AI820618, AI312016, AI435599, BF514677, AW664096, AI263864, AW020527, AI379349, AW085498, AI151316, AW062570, AI185678, AI654074, AA810187, AA604641, AI678942, AI201488, AA431591, AI288926, W04266, AI689612, H97141, R15700, AI493344, AI869041, AA830721, AI470027, AI868363, AW803374, AI868314, AW419113, AA665080, AW957094, AA431460, R02191, BG114296, AW178817,

					BE612563, AW178813, N48062, H71326, BE695796, AW178810, T71205, BE695816, T98569, AI142685, R08592, W22272, BE004143, N56675, AW795271, AA369505, AI000138, BE707314, H71374, AC005924, and AL162430.
HCDBO32	330	831942	1 - 2616	15 - 2630	AL537440, AL531001, AL531000, AU118775, BE613081, AW976126, BE739778, BE612415, BE886668, AW965087, BF671603, BF114976, BF001395, BF104843, BG169691, BF790959, AU145261, AI524826, AV700940, BF115561, AI628083, BE501914, BF028814, BG107506, AA456561, BF695399, BF064237, AW771567, AI554053, AU152051, AI066556, AI478798, BE962627, AW770611, AW963335, BE739003, BF064238, AI801476, AI807830, AA913477, AI424225, AA227589, BF575758, AA625584, AI963182, AW771337, AA576069, AI252762, AA070604, BF589915, AV702872, AA428503, AA235962, AI539101, AA419520, AA721024, BF700344, AI357722, AA314319, AA310761, AA235961, AA888687, AA479915, AW300423, AA304968, AA912243, AI910898, AI521757, AI658537, AI000288, AI244242, AA304963, AI583529, AI950641, AI005178, AI254210, AA806032, BE177264, BE769195, H26906, AI688879, AA832031, AA081596, BF082553, BE699120, BF588478, AW888693, AW888689, AA362983, BE176881, R33476, AI382821, AA614062, AV747748, R34012, AA652453, AV748003, AA343918, AA355362, AW965719, AW819087, AA074345, AC004987, AK021702, AC004884, AB017707, AJ388553, and AJ012491.
HCDBW67	331	733860	1 - 663	15 - 677	AL523962, BG122940, BF983873, BE271224, AI040048, AL521560, AL515309, AI350570, BE694814, BG012629, AW470067, AA629860, AU155469, AI817134, AA112678, BE271043, BF219411, BE904090, BE350682, AI378990, and AK023408.
HCDBZ31	332	701973	1 - 844	15 - 858	AW469726, AI377553, AW888567, AI039215, AI590227, AI824576, BF812960, AL514015, AI306610, AL513901, AL046466, AL514155, H89138, AI590043, AI285439, AW051088, AI638644, AI698391, AI687168, AL514063, AI540458, AL515033, AL514867, AI580436, AA916133, AV750565, AA279795, AI624293, AL514791, AI866469, AI818980, BE544111, AW162194, AW089844, AI582966, AL046595, AI891084, AL514357, AI819976, AI673363, AI918435, AI670009, BF868489, AL514493, AL119863, AL514087, AL513979, AL513977, BG029829, AL513597, AI801460, AL514871, AI861973, AI540674, AW163834, BE393784, AI371243, AL038437, AI582932, AW128834, AL515413, AI270183, AA975952, AI289791, AW262552, AI570966, AI570807, BE965129, BF970652, AI345416,

				AA019328, AI345612, AI433157, AI702073, AI866090, AI589428, BF812961, AL515235, AI884318, AW089221, AI345415, AI954504, AI491710, AI912297, AI889189, AW080746, BF792961, AI802542, AI633125, AI452560, AI954475, AI538564, AI915291, AI684127, AW152182, BF811804, AI699823, AI537024, AI473536, AI277008, AI370945, T69241, AI798456, BF814449, AW827289, AL513631, AW084801, AW166870, AI624693, AI581362, BE966443, AL513817, AI978703, AI819202, AI687568, AI352497, BF342070, AW263796, AI355779, BF814527, AW079771, AL513553, AI654276, AI678446, W74529, AW083778, AI468872, BE965659, AA743012, AL036638, BF816042, AI628325, BF812963, AI625256, AI288285, AL046618, BF814516, AV713528, AA862606, AI636588, AI433611, AI613038, AL513829, AW079572, AI499963, AW880037, BF812938, AL040241, AI872072, AW088628, AW026882, AA808175, BG027679, AI683606, AI539723, AI500714, BE243077, AI282669, AW630386, AL514497, BF061283, AI249877, AW168875, AI539800, AL039011, AL037582, AL037602, AI561356, AW983832, AW193894, AI659585, AI583558, AI537863, AI909661, AI669864, BG030915, AI621341, AW302924, AW167021, AI925404, AI874261, AI478723, AW085786, AW081036, AW265004, AW118518, BF752997, AW132056, AI950729, AW151714, AI570056, AI634457, AW983829, AW083572, AI309306, AI637584, AI927233, AI824746, AI439385, AI583032, AI963846, BG253536, BF750875, AW050850, AI270429, AL513913, AI376872, AV760409, AI254731, AI471429, AI690748, AI284484, BG181066, R65859, AV681858, AI680162, AL513781, BG113299, AI362522, AW834282, AI281757, AI440284, AI270295, AI499570, AI345688, AI828682, AI096481, AI568060, AI699011, BF793147, BF727091, BF811784, AI917963, AW129456, AI921281, AI819014, BE906646, AW104141, AW020397, BE885353, AW129264, AW192687, AI884459, AW172981, AI815232, R81679, AI591228, BE965555, AI800155, AI923370, AF260436, AK027096, I89947, AJ299431, Y11254, AL389935, AB050431, AL359600, I32738, AL133049, Z97214, AF113019, AJ005690, AK026408, AK024944, AL050149, AF061981, AR038854, AL080159, AF044323, U35846, AB044547, AF130055, AL137530, X80340, AL110296, Z82022, AL353940, S36676, AK025350, AL133619, AR034821, AB047878, E01314, X66862, AF119899, AF111112, Z13966, A18777, I48978, U92068, AF218023, AF106657, AK024588, AK025632, AL122100, AK025465, E01614,
--	--	--	--	--

					<p>E13364, AL133560, AB051158, X66871, AK024747, AB048913, AL110196, AK026746, AL162002, AL117587, AK026885, L04849, AK025092, AF106697, AF132730, AF047716, I09499, AL137533, U78525, A77033, A77035, AL080148, AK026534, AK024992, AL049283, AK025209, AF031147, AK025435, AL122098, AK000250, A08913, U80742, AF287051, AL050138, AF104032, AK027116, AF130056, S82852, A08912, AL162083, A65341, AB041801, AK026164, AK027182, X84990, I17544, AL162004, AK026462, A21103, AF118094, AF225424, AK027173, AK000074, AF111849, AF090900, AF119843, S77771, S76508, S78453, AL137271, AX014095, A08916, AK026556, Y14314, AF267849, AF116682, AK026532, AF026816, AL122110, AL133637, AL355719, AB048919, AK024974, AL137480, A15345, AL137463, AL359941, AF115392, AL117416, AF183393, AL137711, AF274348, AF274347, AL133665, Y10080, A08910, AF116631, AK026593, AF078844, I89931, A08909, A86558, A65340, AK000432, AF119909, AK000083, AF159615, AK027146, AK027164, AL133075, AL080126, AF102578, AL110280, AF116691, AR087170, A08908, AK025099, AK000636, AF116646, AL389947, AB047904, AF032666, AF230496, AF116698, AF314091, E03348, AF113689, X79812, AL137478, AL389983, E03349, AF116650, AL137459, AF116654, A07647, AL133062, AF177401, AL353956, AF185576, AL050155, AL133072, AF188698, AL137537, AF285167, A18788, I89934, AC002467, AF155148, X98066, AK026464, AF116688, AL357195, AF115410, AK024986, AK027160, AK025708, AF130110, AL389982, AL050170, M92439, AK026550, L19437, AK000418, U95114, E07108, AK026626, U53505, E06743, AL117460, AF061795, AF151685, AK025113, AF199027, AL137488, E02221, AK024546, AL050366, AF130104, X82434, AK026894, AK000247, AL137557, X99257, AL359583, AK025084, AK000212, AL049452, AK027144, AL133016, AK000647, AF260566, S83440, AF217991, AL096720, S68736, AF090901, AF030513, I48979, AL137292, AF057300, AF057299, U72621, AK025383, AX026824, AX026823, A58524, A58523, AX006092, AR020905, AL389939, AC015457, and AC015457.</p>
HCDCB03	333	571037	1 - 1524	15 - 1538	<p>AL517172, AI361969, BF967678, AI922855, BF966710, AA992606, AV728080, AW028099, AV728533, AV703729, AV727275, BE218029, AW962877, BF940206, BF337628, BF699344, BF344901, AW190507, AA001138, BE768850, AW026418, AU152542, BF681104,</p>



				<p>           AV747053, BG110837, BF530847, BF433282,            AW021538, BF448364, AU153963,            AL533264, AA029603, BF680073,            AW022118, W05590, AI126368, AV718090,            AW771368, D50948, AW021063, BF196651,            AI620254, AI559467, AI421542, BE219511,            AI818251, AI547267, AA770662, AI458264,            AW026552, AI350323, AI309299, AI566287,            AA973926, AA878328, AI971273, BE464751,            AI927710, AI365636, BG149636, AW022511,            AW028917, AI880260, AW149384,            AW079779, AL119462, AA001919,            AA613338, AA001282, AI492611, AI056096,            N22103, AI431263, AI796767, AI492610,            AI082412, W57992, AW339259, AI299371,            W58076, AV729008, AI445573, AA583433,            BF699034, AA665090, AA977231,            AW054991, AI680224, AI613188,            AW961219, W25970, BE064376, D51049,            BF110116, AA865467, AA744054,            AW044214, AA722603, BF928217,            AA744004, AI422070, AI270446, AI361256,            AA452618, N39443, AI418961, N67524,            AI582196, BF677947, AA176661, BF964678,            AI350243, AW264534, BG149413,            AA001943, AI094769, AI423107, AI343538,            BF941404, D52365, AI393109, BF110156,            AI362138, BF055978, D82171, AW021048,            AI301425, AA935845, AA770004, AA453239,            AA992503, AA679935, AA610274, AI862675,            T16991, BE843519, AA650341, AW024046,            AV750021, BE467472, AI690057,            AW418627, AA988822, AV727965,            AA150901, AW244108, AI217610, N75882,            AI359556, AW614224, AI929173, AI362219,            AI925177, BG152841, AA651636,            AW023969, AA102442, AV748125,            AV750687, AA922466, AW451817,            AL039666, AA493436, T28749, AI888986,            AI034036, AI479728, AI340177, M78202,            N67561, AA532904, BF062124, AW961809,            R97692, AA325333, AA932042, AL119570,            AA176888, D53363, AA326242, AA621607,            AV709024, D56786, AI625285, AW612815,            R17377, AI955625, D53116, AA329457,            AA177059, AA229768, BE878272, R46713,            D57122, AV647788, AA829788, T93566,            AV726173, AA846222, D53312, BF964696,            W04741, N75299, D57131, T94885,            AW190631, H89871, D58361, AV749532,            AA890020, AI749682, BF832538, F04719,            R96764, H89870, T94933, AA383512,            H56545, R53266, AW895998, AA995390,            AW895730, BF361911, BF361910,            AW895664, AW895665, AA551566, C05281,            AA528397, T19071, N48555, D58273,            AV724920, AA370980, AA369982,            AA330159, AA027274, AI521167, F02334,            AA358304, BE698992, BE698988, D57290,            BF845473, AW899925, R15017, AI203725,         </p>
--	--	--	--	---

					AA385766, AA570761, D51280, I33608, X04411, X51406, M31602, X61232, U23184, J04625, AB006898, L07281, AB006894, AB006895, L07278, AB006893, AB006897, AB006896, and AB006892.
HCDCE51	334	813504	1 - 1071	15 - 1085	AW957759, H08961, W20139, AA237066, R46859, AA354236, BF337291, AV704232, AW827240, AV655096, AV762645, AL138455, AV760391, AV760466, AV760389, AL042853, AI821062, AV698043, AL046262, AV756220, BF342223, BE252421, AV683513, AL042538, AI570389, AV759518, AA594157, BF725761, BF676981, AL042753, BE901529, AL045943, AV762395, BF857083, AL035847, AW827205, BE906410, AA598742, AA853473, BG033220, AA768247, AW021195, AV763418, AL353802, AB052200, AC012502, D83989, AC007298, AL353745, L30117, AC004883, AL022170, AL022147, AF168787, AC004987, AL121920, AF091512, AL136128, AC026431, AL163282, AP001666, AC006994, AC007114, AB046642, AF130056, AC011491, AC011484, AF042090, AC006112, AC005291, AL035458, AL121656, AC024247, AC010605, AC006241, AC005968, AC007383, AL445490, U95739, U66059, AC021016, AL353625, AC023880, AC002467, AC002352, AC002115, AL034417, AB049900, AC019176, AC020908, AP000344, AP001725, AC010081, AC002564, AC008534, AC009336, AC007282, AC002464, AC005048, AC006451, AC073342, and AC073342.
HCDCI42	335	847004	1 - 1032	15 - 1046	AW119233, AW299412, BF105238, AA173512, BF208045, BE542928, BE889829, AU139403, AV695975, BE566224, AW955434, R76511, AV692649, AK002192, AF174536, AF191838, AR016417, AF145705, and AF191839.
HCDDDB15	336	841041	1 - 1408	15 - 1422	AL525400, AL525227, BF339568, BE562581, BE258618, BE736367, BF982872, BE797757, BF343522, AV716551, AA902725, AI589864, AI820040, BE676341, W68166, W67707, AW273484, BE503344, BE620119, AI871681, AA825715, AA148301, AA010772, BG034304, BF026964, AI686410, AI738970, N49809, D81381, AI341231, AA530878, AI689725, AA151837, AA946804, AA134120, AW341621, AI934921, N39604, AI346463, AI700538, AI800293, AI360331, AI970112, AI074021, AI657070, AI341375, AI346086, AW439926, AA554441, AI143175, AI858285, BE463533, AI970138, BE620551, AI247326, BF724674, AA488191, AI123914, AI269680, AI263094, AI221209, AA804389, BF941489, AI951232, AW014925, AW965867, D80988, AA085654, AI336542, AA775418, H14630, D80822, BF224304, F21575, AI271932, BF314725, AA707276, H09632, AA860931,

					<p>AI253248, AI680939, AI434428, F21272, AA309047, AA897608, AA488246, BE503339, BF197344, D80545, AA165188, AA190831, AI095666, AA736746, BF115197, H13764, AA358297, H29036, BE541169, BF110923, D80809, BG150326, AA989042, AA533129, AA086136, H94377, R79539, AA765008, R51869, AI271421, T63315, AW772309, AI863724, AI908969, AA340211, H28449, AA190685, H10762, AA907930, AI915979, N57117, AA148300, R54262, AI866389, H93696, D80546, AI669829, AA338392, AW606198, N57144, N46750, AA578080, AA953261, AA558166, AA358298, T63934, AW382856, AW382765, AW382813, AW009151, BE766081, BE765785, BF344765, BE766456, BE765682, AA723413, AI253150, AA932141, AA130292, AA730891, AI686187, BE698919, BE835750, D80821, BF945839, AW235861, N30248, AA630510, AA935282, AI696213, BE551285, BE827893, AI869022, BF887300, BE698973, AA577995, H39935, AA069124, BG109102, BE910367, BE866931, AL035071, AL132653, and AJ012490.</p>
HCDDX81	337	603184	1 - 405	15 - 419	<p>AI073641, AA505320, AI419468, AW972479, BG152620, BF674236, AI471102, AW370201, AL513631, AL514691, AL514473, AL513907, AL514627, AL514015, AL515195, AL513817, AL514791, AI434453, AL514919, AL513597, AL513779, AL514087, AL514357, AL513951, AL513643, AW087385, AL514409, AL513687, AV714274, AL515191, AV713662, AW264019, AL513553, AI473554, BF970652, BE966577, AL513999, AW089689, AI798351, AL515413, AI640729, AI345347, BE962580, AL513977, AI932794, BG036614, AW051088, BG107792, AI891084, BE886728, AL513913, AL514983, AI636183, BG121959, BG112718, AW021717, BE965014, AL513693, AW169604, AL513723, AI554821, AW151136, AI470293, AI473451, AW020397, AI637584, AL514063, AI612885, AI824648, AI569945, AI538850, BE963090, AI291601, AI698401, BE963872, AI866770, AL513781, AI539766, AI493567, AL514721, BG029086, AI432969, AI283941, AW088037, AL514025, AI343091, AI682903, AW827289, BG163618, AI287233, BG178911, BE875028, AI280607, BF814447, AL513979, BG109270, BE905335, BG180996, AI648508, AI889168, AW193872, AW104056, BG170937, AW020710, AI280655, BF680133, AL514205, BF870154, AW162194, AI677646, AW029401, AI800155, AI868204, AI800433, BE785868, N22276, BG179486, AI340511, BG167249, AA807088, AL120853, AW105601, BF970768, AI580674, AW080746, AI950688, AI670009, AI567612,</p>

09950063-091201

				<p>           AV656903, AW168031, AI961589, AI440263,            AI862139, AI589267, AI866082, AW161579,            BG114528, AL514867, BE621472,            AV759054, AV723745, AW168503,            AI888621, BE885353, AI306705, AW189301,            BG115502, AL514543, AI349645, AI624543,            AV660608, AI567351, AV685436, AI744256,            BE905726, AI702301, AW090393, BG114990,            AW150794, BG110660, BF338465,            BG119329, AI569975, AL513823, AL513901,            AW162189, AI378080, AI559524, BG164558,            BE048135, BG105500, AI613492, AI352326,            AW149092, AI307494, AI335363, BE966592,            AL514899, AI446809, BF982265, AI686808,            BE886844, AI758748, AL514455, AL513755,            AL513713, AI814087, AI698391, AL037582,            BE965114, AL037602, BF339420, AI798373,            AW193134, AI919593, AI686576, AI610667,            AA983883, AW149227, AA603709,            AI889189, AI571046, AW166182, BF909758,            BF338901, AI886062, AI536685, BE843239,            AI478123, BE964078, AW071380, BF826445,            AW072588, AI343112, BF987113, BE966990,            AW088903, AI536638, AW167918,            AW051059, AW243886, AW268253,            BG164371, AW075484, BE962978, AI282355,            AW301300, BG166654, AI349598,            AW168828, AI890806, AL036664,            AW075207, AI349256, BG034564, AI312152,            AI343037, AW583662, AI955906, AI263331,            BG261310, AI345735, AW268072, BF339600,            AI580190, BG034146, AL513947, AI251221,            AL036772, AL359620, AF130075, AF260436,            I48978, AK025092, AL359615, AK027213,            AF113699, AL080140, AK026542,            AK026592, AL117394, A12297, X65873,            AL162002, AK027113, A08916, AK027144,            AL122121, AL390154, AF116631, AL137459,            AK000323, AK025708, AX027129,            AL353956, A08910, AR013797, AF132205,            AL133640, A08909, AF079763, AF119860,            AF111849, AX046842, AL049464,            AX040958, AF100781, AK024538,            AB050510, A08908, AK000206, AK000391,            AF056191, U35846, AF090943, A18777,            AK026045, AL389982, AF116682, X81464,            AF119899, AL162008, I89947, AK026583,            AL049430, X70685, AX020124, AF061795,            AF151685, A08913, AL389935, AR038854,            AF119875, AL137478, AR029490,            AK024622, A08912, AK027116, Y10655,            AL359941, AF113677, AJ000937, I89931,            AK027182, AK027200, AF090886,            AL050108, I48979, AL122110, I89934,            AF118094, AB048964, AR087170,            AK026057, AF218014, AL137271, E02349,            AK025375, AK027146, AL133557,            AL096744, AF090901, S83456, AL122049,            AB044547, L31396, U68387, AF111847,            L31397, AJ005690, X72889, AF218031,         </p>
--	--	--	--	---

					AK026647, AF132676, AF061836, AF130099, AK026532, U87620, AF116639, AF175903, AK024588, AL359622, AL049283, AF017152, AF242189, AJ003118, AL110225, AF146568, AL122093, AL110222, AL389983, X84990, AB007812, AF090903, AK025312, AR079032, AL096751, AL133010, AL137521, AF266204, AF175983, AF111112, AK026408, AL050277, AK024524, AL137429, AF090934, U95114, AK026480, AK000445, AK024992, Z72491, U58996, AK025084, AF026124, AL137529, D16301, AK026927, AF177401, AL442082, AL137656, X63574, AL137292, Z97214, S61953, AL117648, AF116691, I09360, AF028823, AF130055, AK025391, AL122050, A08907, AF087943, AK000432, AK025410, I33392, AB047941, AL359583, M30514, AL050172, AL117583, AL110197, AB048954, Y16645, AB048974, AF183393, X52128, AL117649, AL122100, E07108, M27260, AL117457, AL050149, AF130082, AF260566, AL157482, S68736, AF321617, AF081197, AF081195, AL389939, AK026533, AR034830, I96214, AK000618, AK000603, AL133098, AK026762, AK026784, AF116654, AL117460, AK025254, AL133077, X93495, AF030513, AK024570, AL080124, AF090900, S76508, AF036941, AL133067, AF126247, AL137557, X87582, AK000137, AL353957, AF031147, AL122098, AK000421, AK026452, AB047904, AL122118, AK026551, AL137294, AL133072, AF242525, AK026629, AK026593, AF116644, AF155148, AF314091, I89944, S36676, AF067728, AX042059, AB033881, AL080159, D89079, AF162270, AK026164, AF159615, AK026526, AK025573, AB052200, AL133016, AL353952, U78525, U42766, AC012146, AC012146, and AC012146.
HCDDY28	338	892137	1 - 1677	15 - 1691	BF666490, AW085990, AI581179, AA534294, AW806827, AA769374, AA631773, AI912207, AW935970, AW979039, AA828763, AW935894, BE148343, BE069848, AA584616, BE069211, N51865, AW081484, AA524188, AI018020, AA984031, AW379206, W44337, AW894331, AW970693, BE185900, AA092737, AL132656, AF130084, AL137013, AC011890, AL357153, AL109654, Z84720, Z83820, AL024458, AC007385, AC004385, AC006262, Z84470, AC011088, AC022215, AL358133, AC021019, AC002457, AL354985, AL050305, AL121984, AC005018, AL031183, AL161904, AC016612, AC025759, AC004690, AC006052, AL139279, AL137157, AL121975, AC006257, AC007785, AL137062, AC005040, AC002487, AL353745, AC006397, AL359641, AF130110, AC008014, AC003001,

					AL096709, AL161724, AL121654, AC010142, Z69721, AC010384, AL392173, AL139277, AP000457, AC004025, Z93403, AC000053, AC005913, AC002980, AP001669, AL117258, AC017089, AF235098, AC005145, AC002060, AL136382, AL139099, AC012077, AL121869, AL139109, AP000516, AC005144, AL121590, AC016969, AC009743, AL049591, AL034350, U69730, AC010349, AC025030, AL030995, AC010081, AC002990, AC003987, AL139383, AC006253, AC004190, AL031114, AL049642, AB014088, AL121983, AC003667, AF003625, AL133240, AC007245, AC004029, AC007172, AC000110, AC002524, AL159988, AC004470, AL049874, AL132826, AL030999, AC002367, AL117354, AF101874, AL031285, U01882, AC007365, U13657, AC015592, AP000083, AL354896, AC003971, U40455, AL450483, AL136234, AL157893, AL157893, AL157893, AL132656, AL132656, and AL132656.
HCDEB19	339	587264	1 - 1730	15 - 1744	AL514734, AU142665, AL535830, BE901271, BE903175, AU120437, BE745673, BE795532, BE795184, BE745221, BE727680, BF794804, BE730409, BE732398, BF025900, BF027290, BE799396, BE743962, AW027553, BE798753, BE740212, BE733442, BF975742, BE540488, BE885500, BE727075, BF310011, BE746261, AI986029, BE892530, BE900484, BE384966, BE905355, BG180196, BE797952, AI190922, BF312819, BG178160, BE259775, BF310619, BE208484, BE780583, BE903260, BE384967, BE298635, BF220143, BF034689, BE743900, BE259144, BE294051, BE394021, BE791246, BF314306, BE790393, BF026612, BE312573, BE542030, BE264125, BF688258, BE902581, BF317175, BE729244, BE899198, AW245824, BE313447, AW247887, AW245997, BF979247, BE545951, AI033780, AW006028, AW247275, AA828077, BE385957, AV759626, BE539575, BE386645, AL514733, BE794463, BE266251, BF315082, BE895464, BE889944, BE265650, AW005004, BE253344, BE794395, AW732164, BF203705, AA405231, AU146503, AA599316, BF248034, BE206909, AW732138, BE298923, AI078327, AA974522, BE265711, AI096984, BE729152, BE206931, AA618545, BF210886, BF032880, AI421332, AW615453, AA406130, AI797688, AA679081, BE259175, AI672922, AW962954, BE281390, AW069473, BF032242, AI912279, BG259246, BE866821, AL525634, AW071217, AI183800, AA699445, AA694247, AA521388, BE465571, AA906726, AA947109, AI056607, AI140190, AA528097, AW245551, AW450841, AW951682, BE387507, AI084169, BE779392, AI049841, W05716,

					<p>BE207087, AA158978, AA827302, AW372473, AA053389, AL525587, AA766224, BG028702, AW372338, AA313296, N81059, AI817366, AA044309, AW450773, AA878287, AW962797, AA629817, H24910, AW469102, BG056881, BE383981, AA730139, AA826978, AI610763, AI953442, H23855, AW193627, BE644623, AI361999, AA856910, AA079398, H42996, BE464415, BE301238, AW000880, AW452109, AI923573, W21983, AI084128, BE879716, H46210, AA306410, AA158999, H50423, R07644, H67795, N67132, AI539151, AW514239, AA079549, AA079356, AA079595, AI659383, AA079518, H42176, AI474998, AW960286, W07869, AA044153, AI867680, AA765267, AA304936, T89748, AI188188, AW853076, AI351057, AA626538, AI857421, AA639712, H60618, AA299940, H40499, AA356654, H60619, AI954379, H67561, H79226, AI869326, H46209, AW392543, H67562, BF977096, W04975, AI867681, N75951, H68069, AA079431, AA356768, BF689046, AA642286, AA299939, AA716225, BE565815, AA355857, AI525315, H50422, BF932050, AA341482, BE273388, N75038, T56809, F31515, AA382974, H20306, BF873559, AA306336, AW404425, AA838084, AA313343, BE708102, Y18418, AJ010058, AB012122, AF099084, AF070735, AX011662, AB001581, AB002406, and AF100694.</p>
HCDEN46	340	838592	1 - 943	15 - 957	<p>AL518664, AL516021, AL535549, AL518368, AL526977, AA703938, AL518844, AL513833, AA843139, AA704089, AA788949, AL527146, AU124946, BF526219, BF342016, BG114174, BG105559, AL048374, BF309406, AA780035, BE881426, AL514023, AU137486, BG034902, BF793412, BE892549, AI963623, AA652509, BE274650, AW192863, AI561195, AA553793, AI871988, BG110889, AI922743, BE744749, AI521675, BG026232, AW152414, BF338340, AI628240, AW157347, BE881433, AW117767, BG119170, BE277904, AI445463, AI922834, AV721543, AI888590, BG122177, AI925872, BG027060, AA669947, AW189999, AI924054, AI991215, AW069279, AA029381, AW193505, AI961523, AW470100, BG027573, BF970478, AA573199, AI814686, AI701093, AL047130, AI813871, BF969942, BE730489, AI922777, AW192523, BF525740, AW662405, AW069154, AW375580, BF977501, AA729727, AW515884, AI707709, BE350194, AW613129, AV722967, AW151868, AW166194, AI636319, BG028853, AA788696, AW078762, AU136708, AW087908, BE160876, AW029368, AW471411, AV704309, AW172970, AA670009, AW846347,</p>

					<p>AW338000, AI913459, BE046495, BF343223, AI972189, AW057879, AI961297, AA593771, AW955655, AI955623, AW304373, AI735421, AW770798, AI826897, AI922127, AI818594, AW593310, AI744172, AW269850, AW190554, AI983012, AI955643, AI963332, AI624441, AA666127, AW771460, AW130298, BF026417, AI826846, AI802980, AI814856, AI923992, AW513276, AA669883, AI983253, BE220893, AI439822, AW193997, AA599229, BF968130, AI982932, AU137902, AU123194, AW514214, AW022700, AW874273, BE046334, AI804602, BG120474, AA669943, BG252863, AA618085, BE349979, AI074821, AA599772, AA635507, AI921329, AA666125, AU138687, BF968209, AI570787, AV726805, AW614921, AW069145, AA554262, AI199887, AI686548, N66369, AA576530, AA505248, AW130415, AW087194, BE383030, BE274132, AI669647, AA599486, BG109808, BE160929, BG034720, AI932642, AI061390, AI814189, AA534226, AI570011, BF970845, AW273303, BF732319, AI754420, AW069589, AA599958, AA666131, AI690423, AA582435, BE207512, AW471433, AI754795, AI573078, AW069491, AW152655, AW088407, AA722321, AI754674, AI679450, AI754791, AA599806, AI679741, AA622182, BF732787, AA553387, AI471478, AA605229, AI623612, AL047253, AA703989, AW190855, W30877, AI589320, BF331480, AW069121, BE972584, AI433559, AI755120, AU153860, AA582452, AI890383, AW069675, BE938714, BF338352, AI024025, AW129941, AI755169, AI754840, AI805332, AW069269, AI890606, AU119966, AU148701, AI755249, AI754895, AI653630, AA723040, N32559, AW090804, AU144943, AV683233, AI889697, AA788702, AA558425, AA599809, BG056586, BF573368, J03040, AX014089, M25746, J03233, AC011374, AC011374, and AC011374.</p>
HCDSE69	341	609997	1 - 1018	15 - 1032	<p>AW513872, BF893263, BF893276, BF347912, BF893278, BF893425, AW794915, BF893279, AU135014, BG007214, BF893260, AL354977, AL163208, AL023581, AC006203, AC004002, AL009031, U91322, AC003658, AL078612, AC002326, AP000494, AF222684, AC011484, AC006399, AL079305, AC004985, AC008154, AC018673, AP000263, AC018646, AC083861, AC078843, AP000036, AC006417, AP001713, AL117338, AC005181, AC026189, AC066587, AL121908, AL354977, AL354977, and AL354977.</p>
HCE1D45	342	664481	1 - 1376	15 - 1390	<p>BF969762, AL529165, BE265457, BF337158, BF058822, AI633731, AA742535, BF342162, AA928586, AW024580, AI031748, AA287493, AW139368, AW675464,</p>



					AA235073, BF529077, AI342861, AA024783, AI122951, N47975, BF869034, AA235180, AA936068, AV656868, AW474585, AW083549, BE744394, AA953192, BF061601, T96536, AW297014, AI554540, R68510, AA287388, T96535, H43420, R75691, BF737801, AI206677, C05105, AW372944, Z41074, N89741, AI656081, BE463496, H43421, N74128, AA612838, AI061189, BE696577, BE696578, BE696580, AW021549, BE870023, BE696550, AV728652, AA811399, AW073662, BF334778, BE696631, D52513, AV728997, AI862684, D53036, AA677516, AW603748, AI382574, M79140, T97144, F03274, AA356468, N89554, BF334793, BE696605, R75606, BE696600, BE696610, N51175, BE268977, BF530716, AF254083, AF254084, AF254085, AC005003, AL096880, A81324, A81326, AF181071, AB029397, AF254087, AF254088, AC005478, AC005478, AC005003, and AC005003.
HCE1N56	343	821704	1 - 1576	15 - 1590	AA909025, AI076817, AA203708, AW663451, AI608904, AI861844, BF440055, AI288729, AI671662, AI935205, BF110149, AW072072, AI436671, AI627289, AA830822, AI167164, AI198462, AA991698, AA126915, AI074608, AA700379, AI568337, BF110703, AA235131, AI021942, AI066428, AI357329, AU155604, AW072939, BF907315, BE045440, BE843886, BE938415, R42843, BE550861, AA916762, AA535892, AI654152, H10211, AA128107, AA490610, AI816749, H58176, H08744, AI254711, AI470802, Z45596, AW296585, AA490802, AI276306, BE617926, AI141291, AA368724, AA932766, H58177, AI015137, BF095756, AI499453, BF092513, AA641458, H10265, AA234957, AI762281, H08456, Z41284, AI824738, AA731515, AA483839, BF095901, AA748701, AW602874, AI499455, BE962449, BE617485, AW804668, BE540522, BF907326, BF991348, BF095975, BE612997, AF002223, AK024745, AK001816, AJ224979, AF057354, AF125314, AF002223, AF002223, and AF002223.
HCE1T53	344	843680	1 - 1447	15 - 1461	AW965008, BG028665, AW962035, AI679294, AI679871, AA133332, BF673743, AI567674, AV733710, BF872337, AI204309, AW851828, AL048626, AA736713, BF679169, AV760364, AV759356, AA838140, AA812058, BE273825, BF915535, AI679782, AU118745, AV759711, AV722030, AV763135, AV762022, AV762900, AV763174, AV759683, AV762902, AV764389, AV759684, AV762779, AV761309, AV759686, BE676549, AV762001, AW102955, AW275432, AV759682, AV761762, AI859335, AW963982, AA629679, N23913, AW968156,

				<p> AL119737, AV762781, AW514598,  BE154381, AL048969, AI961232, BE897079,  AV759685, AA568314, AA524604, AI983645,  AV764387, AA349366, AA908687, N48230,  AV657603, AV763608, AU146981,  AL037632, BF901147, AW338042,  AW372037, AV722075, AP001717, U62293,  AL022326, AP000557, AL109804, AP000501,  AC005057, AC008569, AC008403,  AC023490, AP000553, AL354864, U91326,  AP000556, AP001725, AC011470, AP000555,  AC020552, AC011475, AL096870,  AC009228, AP000692, AC004000,  AC004975, AC006449, AC008623,  AC007404, AL118520, AC006329,  AL139039, AC004596, AP000689, AC005520,  AC004854, AC006312, AL121903, Z93015,  AC016025, AL035420, AP000512, AP001724,  AC006277, AC027319, AC002470,  AC006285, AP000045, AC005225,  AC009086, AP000113, AL356299, AC009244,  AL078461, AC005527, AC004890,  AC004166, AC083863, AC008784,  AC010412, AC005484, AC004089,  AC020913, AC006038, AC004491,  AC002996, AL121712, AC005529,  AC004383, AC004967, AC004253,  AC008745, AC005696, AL138836,  AC006430, AC011510, AL020997,  AL133163, AJ229041, AC006064, AP000552,  AC007878, AC005231, Z93017, AC005921,  AC006028, AC020934, AC012627,  AC008521, AL022323, AC020728,  AL133246, AC005971, AC004840,  AC005004, AC007263, AC004965,  AC002551, AC005037, AL133448,  AC002425, AC004971, AC006345,  AC006001, AF134726, AC007308,  AC018720, AL031846, AP000694, AC016637,  AC005089, AC005399, AL022238,  AL132713, AC020898, AL008582,  AC015651, AC004796, AL049694,  AL034555, AC007421, AC009756,  AC005841, AC011495, AL034549,  AL022318, AC005730, AC010201,  AC005015, AL049759, AL080242, AP001753,  AC011465, AL117344, AC005102,  AC010458, AC004263, AL162831,  AC002375, U63721, AP001752, AC015550,  AL132777, AC002477, AC005412, L78810,  AC011895, AC007216, AC009298,  AC004448, U96629, AC010677, AL022163,  AL031295, AC004824, AC005488,  AL136162, AL162430, AF196969, AC005695,  AC004228, AC011464, AL138756,  AC006111, AC002565, AC005620,  AL109627, AC005098, AC011479, AP000114,  AP000300, AL136300, AL135927, AC007227,  AL034380, AL121845, AC008747,  AC006006, AC020904, AC011449, </p>
--	--	--	--	---

					AC010311, AC008812, AC010422, AC006441, AC078889, AC005519, AP001714, AL031289, AC005071, AL031657, U91323, AL137039, AC008848, AL121601, U52112, AC068799, AL049840, AC004826, AL356747, AP000356, AC004821, U85195, AC006014, AC005668, AC007739, AC005736, AC005387, AL109743, AC002073, Z97054, AC002310, AC008760, AC005257, AL445220, AL096703, AC011497, AC008101, AL121928, AL034548, AC012442, AC003043, AC021036, AB023049, AC006271, AC016601, AL022320, AC005081, AL080243, AC005837, AC011480, AP000248, AX039602, AL023553, AC006597, AL049780, AC003982, AL139353, AL034423, AC012076, AL031005, AC008616, AC004867, AC005049, AL034405, AC009247, AE000658, AC008551, AL159997, AC008736, AC007957, AC009032, AC005899, AC010617, and AC010617.
HCE1Y27	345	637529	1 - 1637	15 - 1651	AW965673, AW157471, AW956883, AI381598, AI493694, AI369243, AV726370, T15557, AA351432, M79149, H07050, H11051, AA323916, AI628393, T33805, H11137, BG252632, T08617, H07049, AW161151, BF949143, AL036024, AB009288, AB008893, AL137688, AL050397, AL136295, AJ133798, AJ133809, AL136295, AL136295, and AL136295.
HCE1Y34	346	809084	1 - 1706	15 - 1720	AI753334, N66948, AV738383, AI688963, AL031717, AC022517, AC008066, AL080243, AC020552, AC000003, AC020917, AC004659, AC005089, AL133355, AC005197, AC004143, AL035685, AC005015, AC008395, AC004826, AL138735, AC004089, AC005081, AC024561, AC005924, AC005747, AC011510, AC005080, AC005158, AC009004, Z98044, AC008372, AL139109, AP000108, AP000040, AC004383, AP001746, AL118520, AL049569, AC004878, AL122020, AL132987, AC007850, AC004965, AP001715, AL161937, AC006001, AL137073, AC004967, AC004103, AL355392, AC003010, AC008403, AP001753, AL031717, AL031717, and AL031717.
HCE2B57	347	737997	1 - 1233	15 - 1247	AV760037, AC009861, AC009861, AC021072, AC068302, and AC068302.
HCE2E47	348	886155	1 - 1816	15 - 1830	AA830078, AA974503, AV720371, BF677892, AI284640, AA601218, AA581903, AW193265, AL138265, AL046409, AI281881, AF330238, BF668217, BF869074, AV740801, AI613280, AI963720, AL046205, AI431303, BE049099, AI334435, AW301350, AV760937, AW303196, AV710066, AI270117, BG171096, AI499938, BF797630, AV763354, AI345654, BG116267, BE138981,

				<p> AI334443, AI792518, AW088202,  AW088846, AA443390, AW406447,  AI610159, AA595782, F36273, AL118991,  AI792505, AW407578, AW967231,  AV763540, AW274349, AW576391,  AA490183, AV764307, AV682003,  BG059568, AA610491, AI345681, AI345675,  AL037050, AV760777, BF965007,  AW960468, AW501386, BF940837,  AW021747, AI919265, BG249643,  AW872676, AV762098, AV764523,  BE677379, AW673241, AW419262,  AW970896, AI305547, AW270270,  BF337291, AI249997, AL037683, AV728425,  AI185122, AV725423, AW662543,  AA631507, AW513362, AW833862,  BF840326, AV760614, AA468131, AI053790,  AV760571, AL042420, AV762111,  BE046438, AW500125, AV761925,  AA468022, AV760039, AL119691,  AV763255, AW872575, AW503666,  AI625244, BG116323, BF725315, AV764578,  AV735370, AW073470, BE047069,  AA583955, AA493219, BE876987, AI144055,  AL040130, AI951889, AI368745, BG059450,  AA587604, BF816072, AW472872,  AV761786, BF725504, AA491284,  AV652936, AW474160, BE874842,  AL044858, AI610920, AV759274,  AW410400, AW963497, AL038785,  AI951928, AW265385, AI888518,  AW504669, AV761362, AA521399,  AA521323, AV761489, BF680074,  AV733830, AV762395, AI754658, AV760042,  AA522942, AL044940, AA177061,  AV719506, AI890348, AI457397, AV741609,  BF683672, AI471481, AW439558,  AW511743, AI368256, AA720702,  BG029216, AV762154, AI688846, AL138455,  BG032943, BF942454, AL048626, AI370094,  AW979060, AI148277, BF915247, AI570261,  BG171422, AI564454, AA190613,  AW023389, AV762826, AA483223,  AU149045, AF074677, AA482711,  AW028400, AA493471, N79258, AI061334,  AW022379, AI708009, BF886777, AL041690,  AW268300, AA503015, AV762397,  AV735495, AW303876, AW574794,  AI133164, AV718260, AV762571, AA290878,  BE154617, AV762139, BF915722, H71429,  AW965008, AW972871, AV758600,  AW162489, AW020340, AW406755,  BG222131, AI341664, M77974, Z85986,  AC027644, AL161670, AC006211,  AC020629, AC005519, AC005052,  AC068799, AL050349, AC011479,  AC007934, AC004890, AL354720,  AC005037, AL049776, AC007226,  AC006038, AC005098, AC005940,  AC004965, AL033376, Z99716, AL159977, </p>
--	--	--	--	---

				AL356379, AC005295, AC006132, AC005520, AC024561, AF134726, AL035079, AL117336, AC011497, AL109976, AP001715, AL021407, AC005057, AC004166, AC000353, AC007216, AC005527, AP001753, AJ277546, AC005484, AC004971, AC006064, AL034405, AJ009611, AC008403, AC020663, AL391839, AP000555, AC027319, AC005081, AC004089, AC007688, AC004675, AL022323, AC000159, AF207550, AC008750, AC008072, AP000512, L44140, AC011442, AC010789, U95742, AC008616, AL049757, Z95113, AL049840, AC005015, AC005778, AL135927, AC007227, Z82244, AL162414, AL035587, AL031281, AC011490, AL049760, AC020904, AL049636, AL157938, AC025594, AC018751, AL136000, AL078461, AL109797, AF088219, AC006111, AC005004, AC004477, AC009516, AL035458, AC008753, U91326, U91323, AC002369, AC004867, AC010463, AC005011, AC004826, AC008745, AL355499, AC005667, AL031662, AL109804, AC005089, M89651, AC020893, AL031283, AL139100, Z98051, AC007845, AC005529, AC004638, AP001595, AL009181, AL022328, AC006345, AP000356, AC004990, AL023879, AP000505, AC000025, AC008569, AC010553, AL109825, AL133387, AP001694, AC002091, AC009228, AC005082, AC005280, AC010363, AL096791, AF109907, AL096774, AC024952, AC002558, AL022320, AC010677, AL132825, AC005996, AP000552, AP001711, AC005581, AL023575, AC004876, AC011455, AC007546, AC005874, AF134471, AC008567, AL022326, AC004895, AC007850, AC006441, AC006597, AC010422, AC007956, AC009032, AC004084, AC005000, AL023284, AF038458, AC007055, AC006965, AC000052, AL353807, AL353748, AJ011930, AC005236, AC006330, Z86090, AP001054, AC008812, AC004894, AC020626, AL034417, AL357497, AP000556, AL136295, AL031255, AC004228, U95739, AC018720, AP000557, AL122001, AC006948, AC004813, AC008134, AP001732, AC006040, AL354993, AP001725, AC002312, AL356354, AL353701, AC005080, AL109827, AC002126, AC009756, AL121601, AC007666, AC005412, AC010618, AC008482, AP001717, AL356414, AC004967, AC023490, AC005274, AF190465, AL009179, AC007957, AC008736, AX039602, Z95152, AC004840, AL035072, AL109758, AL157877, AC002301, AC005523, AC006254, AC006101, AP000113, AL121897, AL352979, AC005067, AL050318, AC004019, AL023494, AL121653, Z98884, AL049759, AP000030, AC020917,
--	--	--	--	--

09950083 091201

					AC008623, AC007365, AL021154, AL353777, AJ400877, AC006538, AC011484, AC011489, AL022322, AP000088, and AL132639.
HCE2I23	349	571038	1 - 963	15 - 977	BF196041, AI191040, BE793278, AI561341, AU142866, AA207194, AA156216, AW246365, BE409896, AL517457, AA233562, AA448367, BE535295, AA186915, W31224, BE874462, AV710257, N88803, AW006906, AL353807, AK022879, U18321, and AL353807.
HCE2P90	350	737935	1 - 1879	15 - 1893	Z98257, AL137119, AP001709, AC004552, AC003002, AC008536, AP001712, AL157877, AL137141, AC007182, AC006120, AL035458, AL117186, AF011889, AL136296, AL163206, AL049872, Z98051, AL022578, AC020728, AL049569, AC002357, AC005859, AL163300, AC083871, AC010219, AC005993, AC005280, AC012085, AC006251, AC009311, AC002394, AP001715, AC002456, AC005484, AL163248, AL033529, AC005913, AL137230, AC006544, AC005823, Z93015, AL136968, AL139352, AL050318, AC005996, AC001228, AF196779, AC020750, AP000014, AC004616, AL080314, AF067844, AL355497, AL356414, AC008040, AC011890, AC009248, AC006543, AL121601, AC005015, AL121997, AL357519, AC006354, AC004973, AL360227, AL158040, AL163249, Z98946, AL133395, AF240628, AC005409, U78027, AL035422, AC005399, AC004386, AC006538, AC008123, AC004817, AP000704, AC008045, AC006480, AC002492, AL133445, AC005208, AL359272, AC005988, AP000563, AC016602, AF111167, AC018698, AC007298, AP001711, AL132659, AC004887, AL049538, AC005200, AP001695, AP001713, AC005386, AP001692, AP001728, AL109823, AC027319, AC002418, AC010134, AC007782, AF051934, AL136418, AC018755, AL136137, AP000133, AL121586, AF001905, AC008806, AC002558, AP001752, AL109825, AL136300, AC002466, AC007388, AL136097, AC006241, AF235098, AC008551, AC018738, AL121873, AC003101, AC004814, AP001435, U91327, AC016652, AL078594, U91328, AC005740, AL356782, AC005052, AC005972, AL136139, AC005358, AL391839, AC005534, AC007057, AF109907, AC005664, AL137073, AC010620, AC006236, AC024561, AL022318, AR036572, AC018719, AB020870, AL158830, AL035400, AL161731, AP000211, AC004582, AL050335, AC021016, AL035413, AC008543, AL121754, AL033527, AL022329, AL096701, AJ229042, AC006211, AP001753, AP001748, AC004858, AC004126,

					AL139099, AP001725, AF001549, AC007405, AL034380, AP001686, AP001705, AL391122, AC009155, AC004686, AL163203, and AC009502.
HCE3A54	351	603435	1 - 833	15 - 847	BE889496, AI681811, AP000713, and AP000831.
HCE3C46	352	737889	1 - 1216	15 - 1230	AV751000, AW816047, AA680243, AI732120, BF915799, AV756726, AV762975, BF736198, AW965008, AU159864, AL121235, BG260565, BE740358, AI734144, BF916691, AI061313, AW963982, AI358384, AI345157, AA584489, AI004591, AV740801, AW500029, BF724372, AW302315, AA653139, AW467286, AI635819, AL048626, AI583466, AW845366, AI753488, AV762129, AW505253, AU123691, AW970571, AI064864, AI732151, AL040054, AI566408, AI962030, AV762139, AW969629, AV760360, BE063437, AA665330, AA191418, AV764259, AA663201, BE796439, AW953071, AV763026, AV763058, AI040051, AI755214, AA394271, AA666332, AV762050, AI081147, BG109996, AU140403, Z69890, AP000359, AC007216, U95742, AC004882, AC005015, AL022318, AL031662, AC006117, AF196971, AL157938, AC006285, AC005387, AC010748, AC005512, AC011811, Z69917, AL121914, AC011484, AC004212, AL133551, AP001717, AC004673, AC005231, Z93017, AL050335, AL049569, AC011895, AL034420, AL162505, AP001725, Z83840, AC005412, AC020904, AP001748, AC007536, AC007666, AL354864, AC004824, AC008635, AL109976, AC004929, AL109758, AL136179, AC010605, AC005011, AL049760, AC008760, AC003982, AF111168, AC011465, AL034380, AC006337, AL133448, AC007388, AC004476, AC073651, AC010553, AC004686, AC002553, AL035400, AC004821, AL161781, Z98051, AC011475, AC022148, AP001753, AC005668, AF190464, AL353748, AC006132, AC006241, AL035587, AC005899, AL034555, AC018738, AL096840, AC005667, AL050318, AL133467, AC011479, AC007488, Z93930, AL136087, AL031729, AC011455, AF168787, AC004826, AL049694, Z95116, AC004854, AC002369, AL161670, AL049840, AC008764, AC011495, AC005971, AC005102, AC007739, AP002085, AC006023, AC000070, Z84480, AL050349, AC005736, Z85986, AL162430, AL158172, AP000503, AC004263, AC004841, AC005324, AL135744, AL022316, AL031289, AC010489, AC006468, AL049766, AC009123, AC004812, AL137009, AC004971, AC007052, AL021397, U85195, AC006480, AL354696, AL031311, AC011891,

					AC004859, AC011489, AL159168, AC004408, AL021154, AC006077, AC002404, AC010627, AC009311, AC005822, AL049757, AC083863, AL031286, AL022323, AC005103, AL023881, AC011450, AC005399, AL049776, AC020559, AL031577, AL022165, AC005513, AC008753, AC009004, AC004760, U72787, U29953, AC005332, AC009756, AF165926, AE000658, AC008403, AB023049, AC007199, AC010150, AL158196, AF205588, AC011464, AC027319, AF134726, AC002316, AC005940, AB023050, AL109743, AC005180, AP000115, AP000251, AL160191, AC005840, AC002288, AC005620, AC005531, AC002375, AC005944, AL031003, AC004020, AC018644, AC007136, AC004494, AL035071, AL445248, AF196969, AC006211, AL121591, AC005666, Z99716, AC005206, AC011497, AL117336, Z82208, AC008745, AP001711, AC009247, AL031121, AC005071, AC005207, AC004185, AC008569, AC010422, AC011470, AL135839, AL389886, U91326, AF047825, AC002350, AC006271, AF001549, AC007383, AL096701, AL139286, AC007225, AJ246003, AL022320, AL022163, AC008626, Z93015, AL158040, AC020552, AC002312, AC000073, AL353812, AL445669, AC005091, U80017, AL136304, AL356747, AC005972, AC002477, AC005839, AL033529, AL121601, AL121891, AC004089, D86566, AP001759, AC007899, AL022238, AC004837, AL132713, AC005488, AC069076, and AC069076.
HCE3D58	353	873227	1 - 2561	15 - 2575	AL533516, BE791708, BE312010, BE795396, BF182900, BF529468, BF313320, BF346772, BE789889, BE792642, BF311900, BF955220, BF955217, BF346703, BF955221, BF955218, BF958914, AL110442, W23186, BE261726, D82425, AW898478, T74299, T33124, AI124571, AW860333, AW893531, AW137533, AA984582, T10159, R54315, AI342898, H43791, H09966, AI565711, T31287, R88608, T09033, T33123, AI497930, T30889, M62117, BE077087, AW964699, BF799802, R85048, AA324042, H18193, AW860334, R88269, F12502, H18194, T09477, R54316, H50281, BE041545, AW498684, H43706, T10158, T31027, R85047, BF529508, M79062, D53800, R44625, AA015872, BE786646, R87534, AW953157, R85680, H51399, H40082, T31067, AA325350, R85873, M79051, BF957618, BE782355, M78993, AI299717, BF834533, AW603116, R88433, R19350, Z42213, F10122, Z38461, BF963593, AA911874, T31038, AA322118, R84478, BF804058, AL133814, AW089211,



					BF183015, AA015617, AV702148, AF318943, Y15167, AC010241, AC010241, and AC010241.
HCE3D89	354	648612	1 - 1086	15 - 1100	BF530321, AW292874, AI672562, AW451026, H40434, D59263, H43056, AI656677, H45987, H08731, AI937753, AI886920, H46052, AI571287, AI310275, H42581, AI217493, AA769776, Y15065, AL121827, and AL121827.
HCE3J43	355	766758	1 - 2115	15 - 2129	AL043989, AL040242, BG115000, BG257342, AL043986, W02321, AL043864, AL043987, AA843303, AI310234, AW149567, AW157054, AI819398, BE867600, AW844167, AW006386, AA446843, AL044036, AA029604, AA160953, AI818092, AA411394, AI198421, BF813609, AA161481, N57481, N31819, BF809635, BF925100, AA757583, AA661840, AL043988, BE703955, AI168438, AA250764, AA912010, H05196, AI814669, BF964959, AA620508, N73093, AI066444, AW872953, AA443489, AI376263, AW023823, AW896140, AI425107, AI300963, BE972848, N49254, AI601212, AA630586, N28306, AA506571, AI124653, AA112602, AA429479, AW264945, AA609853, H99492, AI926768, AA164233, AI582127, AA931685, AI003977, AA079478, AI358274, AI298999, BF756272, AA694585, AW628151, N49356, R85331, H41135, AI807111, AW966787, N47879, AI199639, AA483783, N42488, W76262, AI161173, AI471128, AA401215, R85332, AA317640, AI248287, R86697, F11365, H17546, H26132, T30230, F09026, BE081962, AA446842, BF061332, BE081414, AI077860, R94798, AA932883, W72550, BE702486, AI354651, BE702482, BE702531, AV746815, AA346797, AA093407, AA332334, AA191097, T07236, AA164232, AA910385, AW873957, AA436260, AA411118, AW965407, AA939016, BF949851, R09825, AA526511, AA622123, AA079477, AW352372, AA334182, AA602413, R12412, AW900315, BF741861, AI468908, BF956768, R86698, AA878221, BE830584, H05157, BF952324, BE378287, AI473543, AA004631, AA091999, D81325, Z38207, BF092434, AA004232, AA644131, AA331516, AI023515, N47626, BF529049, AW754285, AA657378, N51138, AW371021, AA247669, BF359495, BE671820, C00771, AI902484, BE077262, BF816186, AK025559, AB014511, AK026513, AL035684, AF086357, AL035684, AL035684, and AL035684.
HCE3L04	356	845973	1 - 695	15 - 709	BF948933.
HCE3N23	357	810211	1 - 3131	15 - 3145	AL534989, AL533583, N99340, AW952383, AL534990, BE891139, BF346819, BE743942, BF337706, BF345966, BF801834, AW895212, AW966677, W28619, AA653434, BE047099, AW952788, AI588963, BF507551, N36397,

					<p>                     BF448413, AI218911, AL533584, AA310286,                      AW087643, BF058722, AI936877, AI144426,                      BE838810, AI025486, AI218217, AI288440,                      AI379891, AA653455, R54204, AW157373,                      AI146378, AW008145, AW899854,                      BE838837, AI290196, BF698504, AI271462,                      AA910383, BF929970, AI674403, AI918156,                      BF929972, AA218761, AA770463, AI929263,                      BF928318, BF960154, BE621146, AW068091,                      BF799627, AA084608, BF528029, AI937679,                      W26052, BF923335, AW753385, AW090708,                      AI143285, AW058217, T31271, H11117,                      BG011144, AI929330, R73431, BF920876,                      AA634044, BF932471, BF985418, AA488231,                      H45150, AA317757, AA228350, R71726,                      H20519, BE702966, D80876, R12617,                      BF922211, AA972275, AW905105, AI206787,                      Z43563, H43154, BE621565, H26600,                      BF750337, AA969904, R72039, BF889144,                      H42232, AA488178, R24970, N44272,                      T23965, BE702921, BF110820, BF944418,                      R72040, R45231, AW408634, AA324854,                      D80789, BF831724, D81087, Z39627,                      H20608, AA973470, AI902728, AW050890,                      D53344, BG236852, BE698975, H43094,                      BF831720, H11222, AI685442, R49869,                      AA228339, AI685460, H50076, AA988386,                      AI914439, BF935471, AI880188, BE838772,                      AI216893, R84953, AW662823, AI668779,                      R61870, R85995, R61154, AW897041,                      BE838766, AI648538, AA229598, BE765386,                      T08606, BE766220, BE766213, BE766224,                      AA292515, BE838778, BE838754, BE765941,                      BE765622, BF952938, BE766078, AI422640,                      H41309, H42305, AW768309, AI928598,                      BE766272, C15550, AI003298, AA332297,                      D53560, AA338974, R71727, AW161847,                      AA666161, T32142, AA229689, BF953005,                      AA091137, H26639, R85207, R84996,                      BF831535, BF831515, AI205121, H43070,                      AW897103, BF964270, BE766255, BF961205,                      AW895219, R49868, BE766301, BE701165,                      AA586398, BF960369, AW238429,                      BE379159, BF831721, BE700377, AI902729,                      AA227395, AA909063, F03879, BF831722,                      AW088899, BF525838, AL039390,                      AV729953, BG259989, AI633061, BG029058,                      AW073907, BG113299, BE885353,                      AW022682, AL135517, AA464646,                      AV709813, AV706744, BG163862, AI560673,                      AI656270, AI623682, AW198075, AI289791,                      AI583578, N29277, BF089679, AI679550,                      AI570966, AW079432, AL037582, AL037602,                      BG109270, AI915210, AW951618, T06345,                      AI267185, AV741327, AV652906, AV682620,                      AV649839, AV659547, AV649810,                      AV649818, H89138, BE698965, AA826625,                      AV682738, AL036509, AI632850, AV654030,                      BF792678, AL117468, AL110254, AC002116,                      D17469, AD000813, AB047248, AK000250,                 </p>
--	--	--	--	--	---

				<p> AF188698, A07588, AF119878, U00763,  X72889, AL122098, AJ005690, AL110296,  AX014095, AK025084, AF132730,  AL110225, AF061943, U01145, AF159141,  AK026541, AB050431, AL050170,  AF124728, AF094480, AK025798, AL359620,  AL389935, I48978, M79462, AF118070,  AL122050, AK026626, AB044547,  AB047631, AL157431, A12297, AL137480,  Z97214, AF260436, I89947, AF098162,  AB025103, AK025015, AL157433, A70386,  AK024747, AL137529, AF205861, AF004162,  AF119336, AK024533, AF119875, AF166267,  AB047941, AL355713, AX026824,  AX026823, A58524, A58523, X80340,  X98834, AK024546, AK026542, AL137557,  AK024545, AK000618, AK026746,  AF177401, S77771, AK000647, AK024622,  AR038854, AF028823, AF132676, AF061836,  AK025119, I09499, AL353940, AJ250403,  AL137627, AF113019, AF244915, AL050277,  S36676, X79812, AK025906, AK000212,  AL133624, AK027164, AK025632, E01314,  AL133049, E02221, AL110280, AR034830,  I96214, AF119883, AL133559, A18777,  A08907, AK024594, AK026057, AF087943,  X52128, AK027081, AK027096, X99257,  AL357195, AF119865, AF069506, AK000655,  AK026613, S82852, I17544, AK025113,  S68736, AF185576, I32738, AL355701,  AF169154, X98066, AF113694, AB016226,  L13297, AF116644, AF218005, AF150103,  A08913, AB048975, AK000257, AK000310,  I29004, X66417, AK024570, I89931, X82434,  AL137526, AB048991, AF030165, Z82022,  I52013, AF218006, AX015425, AF116646,  A08912, AL133568, A08910, U77594,  A08911, AR029580, AR087170, AL162002,  A08909, AF116691, AF116688, A57389,  AL389939, AL137478, L40363, AR070212,  AK026885, AF047443, AF218023, AL122100,  AF119843, AF180525, AF056191, AR034821,  AL110222, AF057300, AF057299, AL110218,  AL356015, AR068753, AK026647, U75932,  AL117432, M19658, AR083266, A08908,  AL389978, AB050411, AF040723, AF067420,  AK026164, AF119909, AK025407, U57352,  AL359615, AL442082, X93495, S76508,  U51587, I89934, AY004290, M85165,  AF111851, AF151109, AK027142,  AK025484, AL136979, AL137292,  AK026556, AL078630, AF130059, I00734,  X61970, S61953, AF219137, AL359941,  AK024588, X83544, AL355719, E12579,  AK025857, AF217986, AK027182,  AR083279, AF111849, AF017790, AF106697,  AF026124, AK026494, AK000421,  AF242189, E01963, AL122045, E00617,  E00717, E00778, U49434, AL137658,  AL133606, AL137548, AF114168, AK026600, </p>
--	--	--	--	---

					U95738, AC002116, AC002116, and AC002116.
HCE3R01	358	834836	1 - 2732	15 - 2746	AU120092, AU122351, BE730090, BE730046, BE409812, AU125487, BE795821, BE907588, AU124507, AU134221, AU125043, BG109175, BE790652, BE741377, AW952376, BF034272, BE543185, BF527701, BE387222, AU123111, BE778205, BE897300, BE255798, BF669496, BF238361, BE908154, BG260909, BE302528, BF210739, BE787569, AI637884, AI609079, AA444144, BF034596, AI479902, BE538104, AA908903, AI890328, BF197657, N24415, BE767761, AI024556, BF027743, AA779473, AW382602, AI096983, AU159008, BE350656, BE153058, BF367967, BE079280, BF898004, AW269510, AA872834, BF845462, AI750816, AV709906, AW952225, AI246462, AA219698, BF367956, BE207428, BF448325, AA443962, AA886907, AA620680, BF953172, H99625, AW976325, BF367950, AA534848, R72501, BF953176, N20573, AW390543, AI081065, AA223806, AI348546, AI750817, AA224271, BE246657, N28964, BF856745, AA524451, W16458, BE730618, AA618583, BF094275, BF910969, H47155, AA322143, BE767995, AA326079, AA744727, BE768325, H12022, W96464, AA227383, AA323733, W96565, BE247324, BE244026, AI817484, BG003359, AA223720, AA171823, BF745890, R78871, AI423114, AA223696, R78963, R15041, AA744725, AA828394, AW805155, BF031023, AA598797, BE614309, R41479, BF531117, F21661, AA102045, BE246656, BF910354, AW794437, AA171698, AA780969, BE698804, Z41857, AA102764, BF745891, Z38156, R34590, BE831267, H11938, R34589, BF094294, AA553554, T08776, BE966500, BF368271, AA553564, BF745875, AA992721, AA780727, BF745877, BF999987, AW866680, AI277481, AW889189, BF953178, AF074606, AF140360, AK023890, AL137845, and AL137845.
HCE3R01	359	841472	1 - 2722	15 - 2736	AU120092, AU122351, BE730090, BE730046, BE409812, AU125487, BE795821, BE907588, AU124507, AU134221, AU125043, BG109175, BE790652, BE741377, AW952376, BF034272, BE543185, BF527701, BE387222, AU123111, BE778205, BE897300, BE255798, BF669496, BF238361, BE908154, BG260909, BE302528, BF210739, BE787569, AI637884, AI609079, AA444144, BF034596, AI479902, BE538104, AA908903, AI890328, BF197657, N24415, BE767761, AI024556, BF027743, AA779473, AW382602, AI096983, AU159008, BE350656, BE153058, BF367967, BE079280, BF898004, AW269510, AA872834, BF845462, AI750816, AV709906, AW952225, AI246462, AA219698, BF367956, BE207428, BF448325, AA443962, AA886907,

					AA620680, BF953172, H99625, AW976325, BF367950, AA534848, R72501, BF953176, N20573, AW390543, AI081065, AA223806, AI348546, AI750817, AA224271, BE246657, N28964, BF856745, AA524451, W16458, BE730618, AA618583, BF094275, BF910969, H47155, AA322143, BE767995, AA326079, AA744727, BE768325, H12022, W96464, AA227383, AA323733, W96565, BE247324, BE244026, AI817484, BG003359, AA223720, AA171823, BF745890, R78871, AI423114, AA223696, R78963, R15041, AA744725, AA828394, AW805155, AA598797, BE614309, R41479, BF531117, F21661, BF031023, AA102045, BE246656, BF910354, AW794437, AA171698, AA780969, BE698804, Z41857, AA102764, BF745891, Z38156, R34590, BE831267, H11938, R34589, BF094294, AA553554, T08776, BE966500, BF368271, AA553564, BF745875, AA992721, AA780727, BF745877, BF999987, AW866680, AI277481, AW889189, BF953178, AF074606, AF140360, AK023890, AL137845, and AL137845.
HCE3R01	360	844574	1 - 2722	15 - 2736	AU120092, AU122351, BE730090, BE730046, BE409812, AU125487, BE795821, BE907588, AU124507, AU134221, AU125043, BG109175, BE790652, BE741377, AW952376, BF034272, BE543185, BF527701, BE387222, AU123111, BE778205, BE897300, BE255798, BF669496, BF238361, BE908154, BG260909, BE302528, BF210739, BE787569, AI637884, AI609079, AA444144, BF034596, AI479902, BE538104, AA908903, AI890328, BF197657, N24415, BE767761, AI024556, BF027743, AA779473, AW382602, AI096983, AU159008, BE350656, BE153058, BF367967, BE079280, BF898004, AW269510, AA872834, BF845462, AI750816, AV709906, AW952225, AI246462, AA219698, BF367956, BE207428, BF448325, AA443962, AA886907, AA620680, BF953172, H99625, AW976325, BF367950, AA534848, R72501, BF953176, N20573, AW390543, AI081065, AA223806, AI348546, AI750817, AA224271, BE246657, N28964, BF856745, AA524451, W16458, BE730618, AA618583, BF094275, BF910969, H47155, AA322143, BE767995, AA326079, AA744727, BE768325, H12022, W96464, AA227383, AA323733, W96565, BE247324, BE244026, AI817484, BG003359, AA223720, AA171823, BF745890, R78871, AI423114, AA223696, R78963, R15041, AA744725, AA828394, AW805155, AA598797, BE614309, R41479, BF531117, F21661, BF031023, AA102045, BE246656, BF910354, AW794437, AA171698, AA780969, BE698804, Z41857, AA102764, BF745891, Z38156, R34590, BE831267, H11938, R34589, BF094294, AA553554, T08776,

					BE966500, BF368271, AA553564, BF745875, AA992721, AA780727, BF745877, BF999987, AW866680, AI277481, AW889189, BF953178, AF074606, AF140360, AK023890, and AL137845.
HCE3R46	361	844450	1 - 2032	15 - 2046	AL519290, AL533566, AL515841, AL533565, AL518507, BE786283, BF796381, BE789948, BE894550, BG023950, BF974711, BF980376, BG176688, BF797260, BG256417, BG251518, BG117297, BE739732, BG034952, BG178736, BE397435, BE311957, BG110989, BE865449, AV710566, AI937192, AI992140, BG106973, BG034206, BF971870, BG256534, BE541348, AI924787, BF182770, BE543876, AW836476, BG177438, BE622551, BE397128, BF183961, BE777495, BE788503, BE748574, BG105315, BG031320, BE787440, BF972659, BE278877, BE891447, BE619355, BF184135, AL518506, BE280620, AI133232, BF210240, AV761560, BG025014, BE544842, BF666632, BF574847, AI917927, BF184564, BF028159, BF832502, BF672018, BE567184, BE896572, BF126162, BF670473, AW836533, BE263294, BE866141, BE782700, BF797499, BE885849, BF789937, BF679414, AV731004, BE968529, BG252668, BE542202, BF207936, BE968522, BF977557, BF126311, BE076579, AW842559, BF694334, AA150370, AW662270, AW749852, BE885354, BF574762, BF574389, BF694115, BE380057, BF212469, BE787832, AV722488, BF448701, BF672881, AW249958, BE748159, AV711426, BE549264, BE261139, AW572539, BF183899, BE960988, BF244215, BF574422, BF105168, BE788552, BF216922, AI817573, BF210143, AW965833, BF792550, BF184857, AW749851, BF184861, BF031875, AW754237, AI694726, AI457776, BE738952, BF979428, AI917937, BF031334, BE866154, AA887005, BE547840, AA865629, BF239845, AA488514, BF204630, BF574413, AA706657, AW805029, AA308188, BG054856, BG256896, BF246651, BF131533, BF029681, BF571765, BF196908, BF314807, AA488382, BF248180, BE567679, BF913851, AA165473, BF243825, BE158889, AV724848, BF126351, BE349461, BF184055, AW272837, BF185743, AV648985, AW574716, AW196993, AL515840, BE871168, AA207160, AL519289, BE870906, BE047291, AA625331, BF732912, BF669827, BF737448, BF819190, BE160569, AW440612, BE617635, AW298689, AI635826, BE295821, AW376046, AA843667, AI337859, AW073156, AI831352, BE869113, AI963742, BF196646, AI199088, AW402046, BF240249, AI432811, BF029790, BF211753, BF105073, BE563896, BE886188, AW953221, BE882637, BF693355, BF130771, BF207830, N21123, BF184735, BF196641, AI432806, AA946668, AI432815, BF445904,

					W22643, BF185266, AW073864, AI818885, BE392307, BF213687, BF671466, BF102555, BE251918, BE090056, BE971166, AI146294, AW628337, AI952116, BF212975, AI281187, AI126683, AL037522, AI950979, AV753628, BF692708, BE387374, BF670839, BE567194, AI354555, BF515410, AA888946, AA812651, AW419098, BE564807, AW073153, AW246225, BE865414, BF241430, W22333, BE047408, AV735371, AI202781, AI865243, BE896525, AX015061, AX014858, AF131820, AX017835, AX017984, AB009685, AF078863, AX046518, AF161400, AX030436, AX030435, T51838, T51884, T92411, T65552, T65619, T75302, T80328, T81433, T81434, T96979, T97091, R00998, R07112, R13827, R13922, R27577, R27676, R35406, R37686, R38011, R38672, R39034, R49203, R51542, R53033, R49203, R61540, R61594, H00151, H01276, H05079, H07042, H07041, H14588, H14693, H16360, H37896, H38255, H99405, N31138, N34542, N75155, N80252, W07378, W42462, W45201, W47578, W47599, W56427, W74265, W79879, W90765, W90698, AA001746, AA001816, AA004544, AA021240, AA021298, AA069253, AA069252, AA075721, AA075772, AA081577, AA084448, AA086275, AA099494, AA102004, AA112823, AA113108, AA128022, AA135400, AA137149, AA150268, AA165393, AA181003, AA182857, AA187989, AA187990, AA259097, AA224849, AA224936, AA259252, AA259253, AA468580, AA528583, AA554940, AA593620, AA622124, AA627792, AA570061, AA565937, AA658029, AA714075, AA729824, AA731839, AA737425, AA825318, AA837815, AA862234, AA862451, AA887194, AA927428, AA946797, AA970342, AA983168, AI085303, N55999, N56531, W22064, W22147, W22225, N88963, C05903, AA090863, AA091082, AA093823, AA206334, AA292871, AA401686, AA406410, AA410351, D12239, AA585103, AA653606, AA669989, AA709303, AA776685, Z19302, T03456, AA984576, AI076144, AI076537, AI084406, T10532, Z28606, Z28736, Z28871, T24105, T16320, D31276, F11118, F00225, F13118, F13539, and F10722.
HCE4H32	362	843941	1 - 2622	15 - 2636	AU132591, AU131402, BE797146, AL529824, AV752367, BE744258, BG251515, BE541296, BE797178, AW016298, BF973997, BE612848, BE378238, BE844071, AA703908, BE142378, BF339536, AI309766, AI907887, BE719518, BE293040, AA628489, BF433680, BE844069, AA523381, AI720085, AW339312,

					<p>BE785803, AV692930, AI907863, AI830357, BE878617, AI813345, BF206822, AU148277, BE260156, AU154098, AA828160, AW082622, BE539791, BE312882, AW193901, BE844092, BE383333, AI016482, AU129669, BE263573, AW152478, AI291944, AI290719, AA534998, AA916415, BE297656, AA936239, AA805765, AW439216, BF769876, AI675954, AA805772, AI368102, AI560921, AI419932, BF205955, AA025439, N70064, AA151323, AA584247, BE142396, BE719558, AA641790, AW957710, BE327308, AI350377, AI016471, AI474078, W69157, AA628769, AA975683, AU150911, AA598872, AA045200, BF061651, AA633800, AA521436, AA351422, AA283142, AI268868, AA151322, W51878, F28592, AA476701, AU153142, AW169506, AA769133, W26195, BE747470, T36283, AI041370, AI689079, AW877784, AA443285, AI670736, AI200683, AI272911, AI350117, AA641820, AA742625, AA984395, AI282945, AI075853, AI269180, AW872969, AI094486, BF338696, AW016500, AA939010, AI342787, F37302, AI824161, BF082817, AV720964, AA694293, BF824739, BF341575, AA132774, AA777561, AA515704, AI800755, AA774823, AA011331, AI216246, AW008831, H47626, H22619, AI695219, AV655927, R83451, BE935218, AA256598, AA235187, W69283, AA243612, AA992550, R90899, H47928, D51132, AW052038, W86278, AA041220, AW274365, BE313804, BF756930, R77005, BF082822, AV736602, AI804547, N67801, W24308, H38160, AW361676, AI281610, AA235078, BE928191, BF809751, AI990313, AV687328, H77842, T33824, BF109025, AA632248, AA831888, AA846241, AA761102, AA345075, AA351612, AA493689, BF594300, AI264841, W86322, R90900, AI540596, BF594325, BE270760, AA975682, AI868814, H30770, H38161, N62472, AA040784, AI025758, N68589, T31231, AA010010, BF056150, AA364597, AA725760, AA385970, AI383830, AA740359, AI886549, AA132884, BF756381, N20006, H98457, AA587003, T33838, AA127325, AW370402, AA371035, Z38476, AW194170, AA321819, AI687725, N79192, AA326779, AA336510, AA336370, AA010947, BE818875, BF360782, AA743304, AA045402, BF207299, N91977, AA025756, AA782472, AA709276, BF593947, BE382804, BF316314, BF530927, BE706044, BG223032, BE613406, H28173, R24898, AX013135, AK024260, AK001631, AF151071, AF091088, and A85213.</p>
HCE4H32	363	874256	1 - 2033	15 - 2047	<p>BE797146, AV752367, BE744258, BG251515, BE541296, BE797178, AW016298,</p>



				<p>BE844071, AA703908, BE142378, BF339536, AI907887, AI309766, BE719518, AA628489, BF433680, AA523381, BE844069, BE785803, AV692930, AW339312, AI720085, AI907863, AI830357, AI813345, BF206822, AL529824, BE260156, AU148277, AU154098, AA828160, BE378238, BE539791, AW082622, BE263573, BE312882, AW193901, AI016482, BE844092, BE383333, AW152478, AA916415, AA534998, AA936239, AW439216, AI675954, BF769876, AI368102, AI560921, AI419932, BE612848, AA025439, N70064, BE719558, AA151323, AA584247, BE142396, AW957710, BE327308, AA641790, AI350377, AI016471, W69157, AI474078, AA628769, AU150911, AA598872, AA975683, AA045200, AA633800, AA351422, AA283142, AI268868, AA521436, W51878, AA151322, F28592, AA476701, AU153142, AW169506, W26195, AA769133, T36283, AW877784, AI689079, AI670736, AI200683, AI272911, AI350117, AA984395, AI282945, AI075853, BF341575, AW872969, AA742625, AI269180, BF338696, AA939010, AI342787, F37302, BF082817, AV720964, AA694293, BE878617, BF824739, AA132774, AA777561, AU131402, AA515704, AA011331, AV655927, AA774823, AI216246, AW008831, H47626, H22619, AI695219, R83451, AA235187, AA256598, W69283, BE935218, AA243612, AA992550, R90899, H47928, AW052038, D51132, W86278, AA041220, BE313804, AW274365, BF756930, BF082822, AV736602, BE928191, W24308, H38160, AW361676, AI281610, AA235078, BF809751, AV687328, H77842, AI990313, T33824, AA632248, AA805765, AA846241, AA761102, AA345075, AA805772, AA493689, BF594300, AI264841, W86322, N67801, AI540596, BF594325, AA641820, AA975682, AI291944, H38161, H30770, BF061651, N62472, AA040784, N68589, AA010010, T31231, AI290719, AA364597, AI383830, AA740359, AI886549, AA132884, BF756381, H98457, AA443285, T33838, AI041370, AW370402, AA127325, AI824161, AI094486, AA371035, AI800755, Z38476, BE297656, AW194170, AI687725, AA336370, N79192, AU132591, AA326779, AA010947, AW016500, BF360782, BF207299, AA045402, N91977, AA025756, AA831888, BF973997, BE382804, R77005, BF109025, BF316314, AI804547, AI025758, AA725760, BE270760, AA351612, BE706044, AU129669, BF056150, BE293040, BG223032, BE613406, R24898, AX013135, AK024260, AK001631, AF151071, AF091088, A85213, AL157820, AL157820, and AL157820.</p>
--	--	--	--	--

HCE4T64	364	566797	1 - 826	15 - 840	AA195851, AW295248, AI800531, AA045255, AI992159, AI126698, AI355573, BE222776, AA812594, AI589741, AU148550, AI620440, AU147467, AU148226, AW006676, AI184189, AI346779, AU148563, AU148329, AA515298, AI129155, AI028246, AW592832, AA719856, AW665050, AA862715, AA535613, AU147347, AA523723, AA846640, AA281007, AA428564, AI864034, AA977873, AI342347, AA628329, H59609, AU154303, F24595, AA604377, AA705854, AA536067, AA085954, AA747728, AI014512, AW800127, AL525676, W47347, AI684462, AA991326, BE619097, AU157427, AL531308, AA811669, AI271814, H02321, BF966875, AA437120, AW002298, F25492, U66685, R06392, F19391, BE242105, AA775242, AW069632, AA931765, BF339729, AA429520, AL525627, AA732918, BF816469, AI245151, W81195, AA969767, AL518797, BE619618, AV708730, AA917648, AV721397, T93959, T16101, AA335655, BF889340, BG232099, F22557, T59746, AA923760, AI189541, AA195609, AA335316, AI474712, F34410, AA552289, AW129052, AW088429, AI886972, BE242211, AI628325, AI687568, AW088944, AW088903, AW022494, AW193467, BF340889, AW089006, AI925404, H89138, AI537677, AI679550, AI445620, AI950688, AW088899, AI589428, BE543089, AI539771, AW500379, AI560545, AW085786, AI873638, AW051088, BF726255, AW020095, AI752007, BF814357, BF750875, BF816042, BE886790, AW059713, AA806719, AI758270, AI559863, AI669864, BF911528, AI582932, AI284060, AI570966, AW827285, AI689614, BG166238, AI432570, AW020288, AI699011, AI446124, BE891834, BE966533, BF724651, AA749449, AL040011, AI866469, BF814449, BF572734, AI802240, AW163834, BF924884, AW983822, AI571511, AI951062, BF916346, AI621341, AI927233, AI866082, AI472566, AI005511, AI866608, BE393784, AI144071, AI923989, AI638644, AW630386, AW129230, AI583578, BF812963, AI699823, AI686554, AW080076, AW161202, AL120696, AI801322, AA641578, AI539153, AI537075, AA614244, AL036150, AI538850, AW025279, AW411043, AV707933, AW191844, AL043052, AI539800, AW151714, BE544111, AI365256, AI860509, BE540578, BE904911, AI472536, AI829550, AI932949, AI366910, AI799234, AW262552, AI678446, AI888621, AI885982, T69241, AV727506, BE881675, AI684069, AI933780, AI819545, AW073898, AI873604, BE961406, AI590043, AI591228, AI805688, BF686161,
---------	-----	--------	---------	----------	--

				<p> AI357599, AI469516, AI866573, AW079334,  AW025464, BE783897, AW150826,  AV759831, AW827289, BF971669,  AA088789, BF811808, AI345608, AI613523,  AW162194, AI345415, BG164986,  AV706219, AW079572, AA580663,  AW953515, AI963191, AW080893,  AI521005, AI623622, AI569328, BE885353,  AI401697, AI634719, AW084772, AI261589,  AK024758, AK002060, AL133619,  AK026885, I89947, AF067728, AX042059,  AL389935, AF155148, I48978, AK000250,  X79812, AR000496, U39656, U77594,  AL353625, AL133062, AK026464, I26207,  AL389983, AB050431, AL359623, AL122118,  AJ005690, AF119337, AL389978, AF185576,  AF067790, X66871, Y11587, AF078844,  U67958, AB044390, AF130099, S83440,  AK000598, AC002467, A18777, AK025407,  S77771, AK026480, I33392, AF119909,  AK025435, AF081571, AR038854,  AK026408, AL117578, AF130056, Z82022,  AF109155, AL050170, A21103, AL133070,  AL137658, AK000450, L31397, E03348,  E03349, AK000137, AF177336, E01812,  A08913, AK025524, AF125949, AJ250403,  AK027160, S68736, A08912, A08910,  AK026462, E15582, I89931, A08909, A57389,  A65341, AB050411, AF204760, AF067420,  AL110296, AL050138, AK025465,  AR087170, AL050277, AF119336, A08908,  AL049382, AL117585, I17544, AB040710,  I30339, I30334, AF205861, AL050393,  S76508, AK026534, AL162002, A08907,  AR083266, AF038847, A76335, AF030165,  L30117, AF200464, AF111849, AL137574,  AF116649, Y08769, I89934, AL117648,  X66862, AL137557, AK025391, AF158248,  AK000647, AB047904, AF085809, I22272,  AF116691, I48979, X56039, A65340,  AK000432, AK026571, AB038698,  AF217982, J05032, AF090886, AK027144,  AF090901, AR034821, A08911, AC016652,  AF169154, X81464, AL359941, AK026533,  AF217966, AL080159, AL162003, AK024747,  AF115392, AK000074, AK025669,  AF061981, AL389982, AL050366, AF162270,  AC004987, AC007383, AF267991, AF113019,  AL133640, AL080154, AL110221, AL080148,  E01614, E13364, D83989, AF026816,  AK024538, AF130055, AF215669,  AK000247, AK026518, AL117626,  AF130100, AK027161, AF210052, AL137536,  AL157479, AF218023, AF044323, AL353940,  A12297, A08916, U36585, AL137556,  E02253, AJ299431, A58545, AK025015,  Y14314, AK026452, AL050092, AF098162,  AF104032, AL355701, AR068753, AR011880,  AK026532, AF271350, AK000652,  AL122110, AF003737, AF113689, AK026057, </p>
--	--	--	--	---

					AF119865, AK026045, AB050534, AL353957, AB049900, AK026894, AF031147, AK026793, AB048974, AK026784, AF130092, AR059958, AK027221, AK025541, AL080234, AF026124, AF017152, AL122100, AL389939, X72387, AL117440, AL353956, U80742, AL137488, AK026551, AF208850, X93495, AK024546, I89944, AC004227, AC023880, AC004686, AL353802, AC006994, AC006371, AC009484, X98066, AF094850, AF114170, Y10823, AK027096, S36676, AL117587, X80340, U57715, AL122106, AF118092, Z13966, AK027204, AF126488, AC061705, AC061705, AC024530, and AC048331.
HCE4W88	365	792953	1 - 4137	15 - 4151	AL528195, AL525666, BE561329, AL525618, AL533675, AU122799, BE396417, AL538215, BE622485, BF525502, BE797957, BF526935, BF128797, BE410010, BG259064, BE729247, BG258461, BE617992, BE397711, BF342067, BE736157, BF690269, BE514054, BF338007, BE535322, BE249926, BE268424, BE297842, BE397898, BE621201, BE560728, BE293501, BG256686, AW964979, BE561480, BG119825, BE295501, BE383508, BG258291, BF791766, BE513943, BF313774, BE619367, BE536910, BF795823, BE315467, BG036329, BE146082, BE621718, BG248719, AW960305, BF027126, BE620026, BF313231, BE887172, BF312933, BE259638, AW246181, AW955146, BF339438, BE395079, AW249909, BF346929, BF664196, BE397835, BE146015, AW245414, AI829665, BE146141, BG029673, BE616157, BE616581, BE798449, AW733032, BE728258, BE275117, BE867135, BE397869, AU151030, BF796525, BE146201, BE397512, BG035310, AW001122, AI590065, BE621867, AU153438, AI460299, AA826661, AU150487, AI828673, AI361812, AU159576, AW955156, AI832806, BE280214, AW245773, AW152498, AA707667, BE616711, BE305063, AW961773, AI885306, BG034476, AA165702, BE146136, BF844568, AW001448, AL045127, BE146278, AW872952, AU150478, BE268522, AA054325, BF724500, BG033610, AW500798, AU148607, AI202047, BF315599, AI151144, BF304085, AU148297, BE856751, AU153957, BE675620, BG258407, BE616688, BE872804, AW833140, BE205993, AI889476, AA306032, AU159562, AA780357, BF829208, AI126768, AU159572, BE502091, BF525564, BG179503, AA541746, AI086400, BF026897, AW965703, AW519054, AI421313, AA699659, AA287268, BF743206, AW004927, AW068437, AI469708, AI334168, BF940144, AI185307, BE244163, AA588567, AW166139, AI524106,

0950083 091001

					<p>AW192941, AU153645, BE895378, AI081478, BE545250, AA574115, N94458, BE293785, AI130873, AW130170, AA485231, AW408016, AA101577, AA688105, AI190296, AU146101, BE146077, AW403182, W52553, AA554618, AW151608, BE676134, AA305840, N99133, AI798128, AA625123, BE145960, AA706850, BE560679, AA009730, BE383511, BF315115, BE876898, BE857002, AW150787, W58695, BG119208, BF819535, BF337761, AW408595, BF432360, AI312570, BE146017, BE146209, BF349769, BF349785, BE146200, N33493, AW173619, BF689721, BE397049, N93377, AA991645, AI565822, AA622928, BE270777, BE146207, AA775580, AI371329, AA858339, AI088642, AI422904, BE146076, AA603972, BE221640, AA009445, AA147198, AA410660, BE146211, BE146142, BE146208, AA022628, BE146019, H07023, BE146087, AA159326, AU153137, BE146018, AW057707, BE146414, AW263028, BE146086, W72377, AA962146, BE146021, AW276271, H24371, AA768731, AA738051, BE220894, AF189712, AF189713, AB023208, AF142408, AF123052, AR065785, AL080131, AK022493, AF142569, AF180525, AF180526, AJ250723, AF170253, AF173899, AK027069, T51830, T51875, T55394, T55822, R23671, R49788, R49831, H05472, H17470, H17576, H19056, H19346, H25189, H41016, H41015, H79349, H79464, H97125, N23678, N43883, N46513, N74301, W24134, W25396, W30736, W58694, W74087, AA022776, AA055666, AA079720, AA079719, AA098887, AA099230, AA101576, AA113180, AA114261, AA147216, AA148041, AA151615, AA156328, AA156207, AA158381, AA158479, AA159426, AA160121, AA160397, AA160414, AA176358, AA176357, AA232191, AA235563, AA235651, and AA243112.</p>
HCE5B62	366	566864	1 - 1700	15 - 1714	<p>AL527073, AU121882, AU130725, AU118837, AV714931, AI054414, AU122155, BE908602, AU147226, BE075868, AL048969, AV719941, BE541237, AV734379, AW188427, AW600804, BG163541, AI732911, BF673854, BE076079, AA311156, AI791227, BE538259, AI816537, AV762220, BF031162, AU140403, AW961994, AL044339, BE207261, AW965008, AV699393, AI038990, AI457152, AW406447, AW089625, AV700663, BG258140, AI275631, AA224525, AI078409, AV737621, AV763135, AA134961, AW151713, BF836337, AU158684, AI732327, AI871940, BE740358, AA287618, AI951863, BF883751, AW820787, BE071877, BG056362, AV700113, AU158859, AA736713,</p>

09950083 091201

				AA774119, AL044458, AI798521, AW961160, AV760760, AP001727, AL031311, AL034372, AL031680, AC006441, AC008687, AL022326, AL353804, AC006038, AC005520, AC020552, AF064858, AC005736, AC004386, AC002418, AC002996, AC004031, AC008015, Z98044, AL163278, AL121653, Z94056, AC006965, AL139100, AL138878, AC007934, AP000350, AC007969, AC009298, AL137067, AC006970, U91323, AC009123, AC008641, AC002565, AC022402, AC007649, Z98941, AC009194, AL354889, AL035694, AC005004, AL158193, AL353748, AC008379, AL158198, AC010412, AL049709, AL117332, AL158040, AP001695, Z83843, AC004887, AC008733, AC004675, AC004106, AL049840, AC007040, AC011449, AC004921, AC008752, AC006317, AP001730, AC005180, AL133453, AL035684, AP001714, AC009032, AL121586, AF088219, AL121926, AC026431, AC027644, AL352984, AP002898, AC003035, AC002364, AC008050, AC005670, AL122020, AL121899, AC005244, AC010267, AC009154, AL138787, AP001435, AL161936, AL133353, AL049643, AF195953, AF111168, AF165926, AC010150, AC005972, AC016995, AC006457, AL109967, AC009600, AL136418, U91325, AC011490, AC005323, AL136124, AC027319, AC025263, Z82203, AL136365, AP000008, AC008277, AL137073, AC004826, AL158196, AC005632, AP001717, Z95113, AC006084, AC005049, AL391259, AL163285, AC011508, AC002994, AC006312, AL121833, AC009134, AC004448, AL034422, AL138756, AC006337, AL137139, AL031276, AL138995, AC005871, AL023807, AC002365, Z94801, AL035685, AP001711, AP000704, AC007563, AL033529, AC007151, AC007041, AC007546, AP000501, AC005225, AL034400, AL133500, AL121890, AC008616, AC008760, AC006376, AC008745, AC017015, AC006285, AC009075, AC004834, Z98751, AC007066, AC025593, AL049830, AL139039, AC004762, AC017006, AL132825, AC008969, AL138812, AC005015, AC006238, AC009946, AL049760, AP001594, AL022316, AC012085, AC020917, AL133355, AL445483, Z93020, AC008569, AC007249, AC008649, AL158046, AL020997, AP000113, AP000045, AL022163, AC008599, AL118516, AL117338, AP000032, AL035671, AL354720, AL034405, AC006121, AC006115, AL136979, AC005527, AL031587, AF243527, AC004000, AC005229, AC007684, AL121825, AL121981, AC007298,
--	--	--	--	--

					AC005409, AC009228, AC005274, AC005291, AC005697, AL163209, AC005694, AC003070, AC004814, AC009506, AC010205, AL158201, AC003103, AL161665, AC024571, AC009247, AL034420, AL133387, AL049829, AL078638, AF246928, Y18000, AL049843, AC020934, Z84469, Z97985, AL121820, AC009086, AC005081, AC008985, AL136362, AL136139, AC004835, AC005082, AC000004, AF254822, AC010605, AC003962, AC083863, AL137012, AF207550, AC009358, AC012081, AF196779, AC006254, AC007011, AL358353, and AL358353.
HCE5H86	367	847032	1 - 2315	15 - 2329	AL533175, AL533335, AL529659, AL529660, AL528013, BF341088, BG032361, BG111586, BE735736, BF309824, AI452722, BE906705, BF976430, AW955455, BE837574, AI810976, BF663962, BE910075, AA887990, AV684580, BG120898, BE905601, AI190326, BE314426, AV691322, BG032936, AV685016, AI133427, AI491944, AA742707, AI745517, AA719399, AI291744, AI147212, AA971270, AA526699, AI374991, BF984742, BF914316, AI291429, AI681964, AI828575, AI191377, AA747482, AI760672, AI589781, AW973135, AI382209, AI291350, AI192912, AI653887, BF237786, AW054812, BF448406, AI076763, BE205789, AW194181, AI282167, BE144273, AW026209, AW005070, AI025483, AI479431, AI125991, AI819092, AW166142, AA393826, AI872247, AI950052, AW340398, AI186987, BE208340, AI038728, BF475933, AW001576, AI983727, BF343597, BE255716, AA781105, H14119, AA041546, AA446939, AA393844, AA588205, AA635803, AI588901, AA595299, AA968514, AI272049, T34621, AI445351, AA039492, AA580350, W42714, AI095816, AA350360, AI089055, R43919, AA308975, AI205639, R88071, AA635837, AI568018, AI261987, BF726607, AA224332, AI346541, BE548803, AA427787, AA618584, AI299347, H19688, N88546, T67080, H20066, T31859, AA308974, AA652370, AL134735, N95318, H19689, AW779512, R60201, AA536032, R88422, AI372759, BE140668, H19728, BE140651, AI690936, BE140664, BE140646, BE140650, BE140649, AA953968, AW576046, BF314488, AW952572, R88070, N75536, AW178914, AW578878, BG010735, AA328758, AA069325, AA532555, AA362297, AI669449, H52718, AW178907, R18809, BF932320, Z38557, AA069378, R60434, AW178908, AW178912, AA535292, BF971439, AV690032, T31898, BF871214, AI336808, AW175970, AW407842, AW178911, T31864, BF573284, BF846202, AA490233, BE394389, BF871342, T29995, AA223799, AA325909, W23910, AA425662,

					AI277302, AW178906, T85919, AW973158, BG115873, AI198749, BF737039, AA375056, BE778654, AW748084, AW050516, AI354778, AI925482, AW439026, N91860, AW178903, BF572704, Z42333, W42907, BF999620, AI281040, AI905055, AI028636, AI763001, AW172594, BE143148, W24575, BF922099, AW581672, BF093554, AW853389, AA332091, AA083263, AA333563, AW178913, AA876195, BF924630, AI955663, AA443363, BF848898, U79457, AC005041, AX017996, AX017855, U40825, and AF001797.
HCE5J64	368	688883	1 - 2193	15 - 2207	BE439889, Z98941, Z83822, AP000134, AP000212, AC004526, AP001714, AL031295, AC005972, AP001711, AC023425, AP001726, AL158193, AF003626, AP000104, AC004887, AP000251, AP000030, AC002350, AL357752, AC004913, AC007934, AP000696, Z84469, AC000125, AC006038, AC010209, AC005141, AC005141, AC005289, AC005289, AC005289, AC022529, AC022529, and AC022529.
HCEBF54	369	847033	1 - 1055	15 - 1069	BG250889, AL079457, BF109243, AI806945, AI808154, BE645557, AA553835, AI761617, AI650999, AI669726, BF060977, AW960843, AI922001, AI799329, AI380521, AI803917, AA666313, W57763, AW190282, AW518228, AA506687, BE326990, BF057689, AI638277, AA159323, AW052008, BF590389, AI269138, BE548921, AA635160, AW292076, AA322034, R76041, W57762, H19279, T79009, C02014, BE550018, R75868, BE834143, AW118383, BF222984, H19278, AI540255, AA321620, L44530, BE826118, F07530, AF207550, AB032993, AF274058, AF274057, AJ297364, AF207550, AF207550, and AF207550.
HCECO77	370	571044	1 - 1422	15 - 1436	BG259402, AA570389, BG034712, AW954950, AA628408, AI885041, BG257523, AA775796, AA143345, AA127723, AW268482, AA917093, AA776727, AA127867, AW083266, AA032244, AW269441, AI130939, AA476752, AI677906, AI091872, AI082240, AW005095, AA127715, AA476754, N59422, AA824233, AW028725, AW662782, W74250, AI858939, AI248997, AA031471, W89015, AA885202, AI168327, AI859188, AA703322, W67630, AI880820, AA694066, AI421683, AI749093, W89016, AA846347, AW016191, W86289, AA127770, AI140255, AI243503, AA972658, D11834, AA723187, AI184484, BG011082, AA927223, W46496, AA733122, AI281016, AA284435, BE930872, W67370, AW057998, AA285177, H30793, AI239862, N34810, AI910574, AA635592, AA378996, AA342789, W86333, AA033672, W85839, W79801, BE541384, AA459714, T48853, AI200290, AA047695, AA411477, D53212,



					R99919, H01405, H01406, AA127778, W24160, W72915, AI073812, AA699813, AI678600, D53307, AA464508, W76141, N55953, AA025253, AA031613, AA405021, H84522, T48824, R68199, R67243, AI217049, H66807, H79220, H60135, AI004051, H66806, H44227, AW953068, AA461298, AA919032, W85923, AA284030, AW236452, AA047745, AA024547, AA319597, H44573, T48825, AI183885, R67244, R68200, AA303130, H79129, H84207, AA766651, T48854, R21811, W46495, H60136, R21760, AA947473, AA405137, R99740, BE837960, BF793393, AA301479, R67415, AI383791, AV736322, N99153, AA089911, AA127819, T25390, W21263, AA989093, N55690, AA909393, AV657344, AI061202, AA143344, AV656942, AA730201, H63359, AI191367, BG115109, AV656954, AA887471, BG026276, BG015158, N77099, H28185, N40293, AK025768, AL034548, and AX013706.
HCEDH42	371	821321	1 - 1405	15 - 1419	BF824908, AV755215, AV757088, AV702854, BF131961, AA181890, AV756554, AL036773, AV757752, AI950092, AW134795, BE968824, BF131261, BF965460, AV702869, BF030662, AV723324, and BG258650.
HCEDJ05	372	634525	1 - 2382	15 - 2396	BF513463, AW961895, AW242701, AV747391, BE327669, AI521937, AI702979, AA010177, AV728027, AW612536, N48190, AW452686, AW236724, AW300759, AA010178, AI635174, AI290223, AA253377, AA253376, AW072756, D59335, H14430, AI400063, T08089, T08829, W28848, H17901, R17521, Z42567, T17071, AW051009, N53337, AA233935, R41888, F05685, AA234206, AI364135, BG058398, H14380, AC005075, AL133090, AC005075, AC005075, and AC005075.
HCEDJ26	373	840397	1 - 1970	15 - 1984	AV729407, BE890059, BG031202, AV717629, BG261253, BF244140, BF690756, BE541093, BE536531, BG111688, BF240321, AW955181, BF343156, AW751808, BE970213, BE739016, AW177060, BF817662, AW177038, BF945496, BF816815, AW177034, AW367257, BF817372, BF814733, BF817890, AW401519, BF570915, BF126398, BG112929, AI670857, BF698193, BF572943, AI928821, AA455678, AA603207, AU153486, BF574699, BE674105, AW177035, AW276608, AI497826, AL119809, AW014361, BE885237, AI262628, AI798945, BF342780, AW177054, AI005124, AW177025, AW177061, AV720711, C18646, AA580452, AI348052, AW177064, N30141, AW163009, AI753116, AW168115, AI014813, AI950818, AA916422, AI075709, AW177037, AW189526, AW518968, AW770107, AI801986, BF815949, N70212,

				<p>                     BF439957, AW073160, BG171037, N36991,                      AA088745, BE548614, AW177029,                      AI928990, N34062, AI872455, AW191941,                      BF754708, AW177063, BF576844,                      AW341835, BF438129, AA169748, AI308937,                      N23002, AI288474, AA988575, AW603563,                      AW751805, AI360760, AW751892,                      BE620658, BE566318, AA133573,                      AW177055, AA669953, N25715, BF247591,                      BE327548, N47792, R60295, AW157043,                      BE968495, AI275508, BF808568, AI215153,                      AA211401, BF801590, AW665076,                      BF802045, AW177036, Z98503, BF978142,                      N32709, AI222244, BE160449, AA496089,                      AW243582, H09404, AI497614, AA960808,                      R15421, AU139394, AA918094, Z44485,                      BF816119, AI026067, AU149771, AW663158,                      N34104, F07223, BF218297, AA813149,                      T77493, R15418, AI625671, BF570733,                      AA587172, AI907928, R15819, R16161,                      AW177042, BE090323, AA334712,                      AI431986, AW023200, BE207726, F13370,                      AA865254, T08767, AI541382, BE865384,                      AA775004, H73481, F07435, AW393839,                      BF440048, H84809, AW177052, BE082633,                      R15077, N25676, AA721503, AA219635,                      BF671653, AW751806, AL120336,                      AA683027, R45336, AW177039, BF196207,                      AW751803, Z41006, H20947, AW514116,                      BF800723, AW105689, BE046114, Z40330,                      AA670040, AI239555, F07937, AW965489,                      AW086496, AW302385, BF476671,                      BF132506, R60801, AI133531, H09344,                      BF947342, AW177057, H84853, AI041235,                      BF816814, BF803004, AA904626, AA406042,                      AW878987, AI950597, R14911, BF813370,                      C14668, AA431581, R40715, R46057,                      R41574, D52474, AI056687, BF570945,                      AV741434, R41230, AW301047, AW377495,                      R66786, N35753, C15214, R39533,                      AW177056, F10962, AW606694, AA918010,                      BE831050, R20675, T35110, AA813683,                      R20676, W19901, F03665, D81463,                      BE768842, AV736969, AU154045, AI560681,                      BF362765, AW514739, BE569101,                      AA219743, N50168, AW997771, R24274,                      R15153, AV733734, BF746782, AF052130,                      AC020977, AF119843, AF182215, AL035458,                      AF287051, AF185614, AF102578, AF155827,                      AC005091, AF208026, AL137258, AL133075,                      AK026583, AK000250, AF146568,                      AL049314, AK025092, AK027111,                      AB016226, AF100931, AL117648, AL121828,                      I00734, AF087943, AL137523, AK000212,                      AK000310, E00617, E00717, E00778,                      AL389935, E12747, AK026542, AF126247,                      AK024546, AF119909, AK025239, U49434,                      AF115410, AL136984, AK027116, AL357195,                      AK026480, AF118070, AL157431, AL389982,                      AL133637, AL122049, AF031147, AJ238278,                 </p>
--	--	--	--	---

					<p>AF100781, I48978, AL133558, AX020124, AF069506, AF111849, S69510, I89947, U53505, AK025435, AK026504, Y13350, AL110221, A15345, AF113690, AK026547, AK000137, X80340, AK000083, AF119859, AF090903, AL096744, AB029065, D83032, AK025798, A07588, AF079765, AB047941, AF116654, AP000083, AK000445, I33392, AF111851, AF090886, A03736, AF116614, AK000432, AK026959, AL137459, M27260, AL137548, A08910, AB044547, A08916, AK024538, A08909, Y16645, A86558, AL122050, AK026045, AF130100, AK025407, AL137529, AL137533, AF177401, AC012077, AL162004, AF271350, A21103, AR020905, AF119875, AF218014, AK025906, A08913, AL050024, AB048974, AL080162, AK025524, S77771, AK026526, AF036268, X57961, AL080126, AK026630, AK026624, AF242525, Z97214, AF314091, AL121916, AL390154, AL442082, AB047904, AF130110, AB034701, AF113013, AR038854, AK025375, AL162002, A18777, A08907, I89931, X06146, A08908, AF067728, AF132205, AX042059, AF113699, AF166267, AF159148, AK025632, AF017152, AL133557, AL137705, AR087170, AL122110, U72621, AL121656, AL137429, Y11587, AL137560, AB048919, U90884, AF225424, X59414, AF130099, AK025708, AF125949, AX006092, AL137550, AL137476, AF022813, U49908, AC012502, AL110171, AL136884, AK027096, AK026597, AL080074, AX014095, AB048954, AB052176, AL137554, A08912, AL050116, AF180525, AL133113, AF056191, AK000690, AL122121, AF192401, AF057300, AF057299, AF192402, AL117587, AX017991, AF078844, AK026464, AK025967, AR000496, AB026675, AB033884, U39656, AL117585, AL080158, AF047716, AK026855, AJ003118, AL080148, AL050138, AL133072, AL133606, A23630, AL137479, A08911, AF116682, AL050155, AL137539, AL137276, AK024594, AK027129, AF119865, AK026626, Z72491, AF155221, AF017790, E07108, AL122045, AB052191, AL133112, AK024622, AL110218, AF175983, A93350, AF116631, AK026534, S61953, I30339, I30334, S63521, S36676, AK026086, A77033, A77035, AJ299431, AL133640, AF118090, AF200464, AC073334, AC073334, and AC073334.</p>
HCEDN07	374	847034	1 - 1411	15 - 1425	<p>AL041375, BE677164, AI254267, BG152746, AL039117, AW021674, AW157128, AI690379, AL042667, AL042670, BE244308, AI114494, AW238712, AI038029, AW275432, AV683406, AA507623, AA489390, AU151751, AA618531, AA631915, AA313025, BF812696,</p>

09950083 091201

				<p>           AW731858, AA554289, AV732057,            AL036896, AI174703, AA493808, BG231195,            AI754926, AI547110, AW979200, AI224583,            AA469230, AA493546, AI049999, AA639155,            AI282322, BE062545, AW265006, AI890297,            AV763460, AW338376, AA171400,            AI355246, AA218684, AA804726, AU147226,            AW890425, AA774041, AI613459,            AW410844, AI003068, AL121039,            BG180320, AI702049, BF940118, AI002950,            AI719298, AW957502, AW419201,            AA425283, AA199578, AW501278,            AW847344, AA584241, AL048060,            BE140949, AI797998, AA669238, AI828721,            AV764119, AW504485, AA584360,            AA533660, AU146789, BE179750, AI753887,            AW514844, AW265468, AW851826,            AA846923, AW085811, BE882869,            AW631267, AA595645, AW855527,            BF814446, AW974363, AI433952, AA557945,            AA515727, AI076729, AI039257, AL079734,            AI984168, N68677, AA084320, AI280535,            AW239465, AI890283, AA720732, AI791659,            BF970107, AI590404, AA640305, AW327852,            AV712092, BF846619, AI251024, AI572680,            AI434103, AW021917, AW177869,            AI268465, AA135761, AA689351, AV730440,            AW148821, AI831816, AW238137,            AA720582, AA601674, BF725436,            AW085626, AA807704, F30310, AW576292,            AA642809, AA661583, AW976008,            BE062476, AA493464, AW963552,            AI732682, AW129188, AI640905, AI857834,            AI889236, AI753969, AI028148, AW439224,            AI049845, BF792092, AI708565, AI733523,            AA935827, BE161469, AI567676, BF834298,            AI344906, AI318548, BG056362, AI275631,            AA411337, AA577706, BF949151,            AW576388, BE063437, AW166996,            AV735017, AA349923, AI473671,            AW500250, AL135818, U47924, AC006483,            AL157877, AP000085, AC004882, AC004841,            AC006571, Z95116, AP001693, AL133288,            AL354864, AL138756, AL135839, AL133245,            AL133507, AC007395, AP000512, AL159977,            AL020997, AL355476, AC005913,            AC005255, AL139087, Z98256, AC004000,            AC016025, AC007450, AL049779,            AL356379, AC010618, AP000221, AC007364,            AC011465, AL135905, AC025811,            AC010473, AC010358, AP000359, AL049697,            AP001725, AC008536, AL049694, AL078581,            AL049838, AF165926, AL109616, AL117377,            AC005089, AL109743, AL355392, AL109797,            AL021453, AC018633, AC006323, Z93015,            AF075069, AP001715, AC005084, AC004965,            AC006329, AC010789, AB017602,            AC005088, AP001627, AC009032,            AC011450, AF030453, AE000661, AL109936,            AL158040, AC018639, AF217796, AC011479,         </p>
--	--	--	--	---

09950083 091201

					AB006445, AL022316, AP001747, AL022326, Z97056, AL445483, AC005529, AL109627, AL035555, AC006449, AL133353, AB042297, AP001207, AL138958, AC004009, AC008764, AC007030, AC002310, AL031602, AL121886, AC009600, AC009225, AL132713, AL121891, AL133551, AL033529, AC008812, AC005098, AP000039, AP000107, AL031276, Z85986, AC007546, AL031803, AL121751, AC006046, AC003687, AC022407, AL157469, AC000026, U50871, AC005015, AC006208, AL034420, AC005747, AP000501, AC015550, AC005696, AC010553, AC009194, AL121712, AP001753, AC006538, AC007934, AC005874, AF134471, AB000882, AC008443, AC005332, Z98949, AL136137, AC010524, AC002059, AC008623, Z95114, AL049793, AL121657, AC003041, AC004166, AL161665, AC011453, AC009001, AC005410, AL031777, AL035443, AL050328, AC010461, AE000658, AC007536, AF207550, AC008083, AC002544, AC004983, AC005527, AC007731, AC005231, U85195, AL031733, AC005500, AC008392, L78810, AC008733, AL157817, Z93023, AL117258, AC010132, AL136418, AC002288, AC020904, AC005875, AL136300, AL031682, AC019227, AC005081, AC011462, AL049776, AC006011, AC005702, AC008403, U80459, Z84484, AL138976, AL035420, AC006023, AL135928, AC005067, AL161802, AC002430, AL031431, AC025169, AL024498, AL035086, AP001709, AP001717, AC005899, AL121900, AL049872, AK025010, AL138787, D88268, AC004242, AL031281, AL109801, AL353680, AC005746, AC025430, AC000039, AC011475, AL391259, AC058791, AC010328, AC007384, AL161936, AC020629, AB023051, AL137013, AL359828, AL353194, AP000555, AL078645, AP000692, AP001726, AL136170, Z94801, AL121890, AP000113, AC011890, AC004089, AC006285, AC007919, AL121658, AC005771, AC005632, AC004596, AC009086, AC018755, AL031622, AJ009615, AC003049, Z83838, AC004019, AL035659, AC005057, AL031663, AC004887, AP000506, AP001973, AC023271, and AC023271.
HCEDO17	375	824312	1 - 1939	15 - 1953	AV729078, AU139282, BF677649, BE816900, AV752220, BF940984, AI741382, BF516241, BE218124, AI094578, BE220282, AI472019, AI579992, AW152516, AU153562, AI079363, AU137014, AA773075, H05544, AV725862, T66346, H61362, AI253254, R90842, R26105, AI267340, AW014803, T33182, AV752502, R39238, T33181, F12150, F13224, AA371406, F10825, AA593321, F09787, AV749459,

095005660 091201

					T75467, H05085, Z40447, T66294, H12808, Z44564, H12764, AU136513, AA664639, R34587, R26316, R34588, D20358, AA095491, AA491513, AA579498, BE762716, AP001714, AP000105, AP000037, AP000275, AB020717, U45479, AP000181, AP000181, AP000037, AP000037, AP000105, and AP000105.
HCEEG48	376	896688	1 - 982	15 - 996	AW664013, AI809377, BF437280, BF476415, BF939178, BE910173, AI276041, AA323414, AW296883, BG170738, BG055229, AI798340, BF093872, AW973541, AV719822, AV700495, AV720211, AV718487, BE328291, AW966385, AV720104, AI560085, AA572987, AW471332, AI962030, BF725844, AI612070, AV719632, AA644090, AI565084, AI611533, AW962611, AL048290, AW328331, AV699866, AV719628, AW468009, AL040054, AI590906, AI311647, AI733085, AV720729, AA525331, AI791578, AW969743, AW274078, AA804995, AW958962, AW272294, AA225406, AA904211, AA483606, AI926728, AW468048, AA244339, AA570740, BF887154, AA579152, AV657198, AW664548, AA653477, BF991881, AA714011, AA502098, AV760014, AA832145, BF991882, AL034380, AC005098, AC004166, AL021878, AF243527, AL133174, AC007182, AL158823, AC004824, AL050307, AC009247, AL158040, Z81364, AC004867, AL049759, AC007546, AF131216, AC004878, AC002072, AL450224, AC005324, AL022238, AC006538, AL450226, AC006337, AC004033, AC007666, AL137039, AP000215, AP001724, AC004814, AC004890, AP001728, U91318, AC002470, AL008637, AC005837, AC006077, U52112, AC008521, AL157938, AL031669, AC002486, AC005071, AC005103, AF047825, AL078638, AP001760, AC020906, AC010102, AC010422, AC004966, AC008547, AC006057, AC010458, AC002477, AP001412, AC011442, AL008719, AC002310, AC005081, AC016395, AL008732, AC008745, AC005080, Z75888, AP000152, AC005500, AP001710, AL034417, AC011465, AL353777, AC008474, AL161445, AC006239, AC007957, AL132775, AC002425, AL133507, AC005520, AC007308, AC003982, AC007731, AC008623, AC005378, U91326, AC005229, AL356299, AC005189, L11910, Z86090, Z75887, AF196972, AL035420, AC004805, AL049694, AC005280, AF165926, AL049795, AC005971, AF196779, AP001751, AC005839, AC006511, AJ011930, AL121905, AL163300, AC011495, AC002316, AC011449, AL163279, AC009116, AL096840, Z84466,

					AL031685, AP001725, AC007981, AP000343, AC008733, AP000689, AC018663, AL109964, AC002432, AC004895, AC008760, AL132772, AC002350, AL132653, AC006312, AC009244, AP001421, AC011479, U52111, AF307337, AL096712, AP000154, AF001549, AC006285, AF130343, U07000, AL030996, AC007551, AC004534, AL022476, AL035411, AL158830, AC009331, AP001712, AC008372, AC002464, AC004587, AC006023, AC002303, AL121838, AP000350, AC005011, AC004675, AC021016, AB000877, AC007365, AC011455, AC008805, AF111167, AC006211, AC005231, AL121926, AL008726, Z95114, Z98946, AC007225, AF001550, AC005932, AL078624, AC004656, AC002558, AL035405, AC020626, AL139343, AL357560, AC006071, AC005488, AF088219, AC007283, AC005695, AL031662, AC005089, AL133517, AC008134, AC007114, AL359554, AL118520, AC004971, AC020893, AC005722, AC007688, AC005057, AC009314, AC009470, AC006120, AC008569, AL121652, AC008764, AC008115, AC009087, AC004859, AC006452, AC024561, AC005015, AC008537, AC022201, AC006046, AC006064, AC016831, AC006347, AP001619, AL357150, L78810, AL022323, AL034423, AC007676, AC016995, AL138787, AP001717, AC005684, AC006480, AC002511, AL358777, AC010311, and AL035086.
HCEEM33	377	821322	1 - 1151	15 - 1165	AI246710, BF968525, AI763071, BE674657, AA460540, BE328200, AI611086, AI168314, AA460541, BF507593, T16448, BF675159, T08984, AW451887, AI016123, AA668246, R60880, AA971942, R23514, AI223180, Z38546, BF590051, R43444, BE701712, AW182351, Z20913, AA972023, H24284, Z20948, AL137748, AB046764, Y18276, AF072371, AF072372, A74680, and A74602.
HCEEP16	378	668234	1 - 1367	15 - 1381	AC025882, and AC025882.
HCEER60	379	826016	1 - 761	15 - 775	BG055027, AW293944, AI863059, R43077, BE764482, AC015546, AC015546, AC015995, AC015995, AC015995, AC026166, AC026166, and AC026166.
HCEFA10	380	603966	1 - 1460	15 - 1474	AV653805, AI015945, AA226333, AA226332, AW809365, AW863010, AC011939, AC011939, and AC011939.
HCEFA50	381	695707	1 - 2086	15 - 2100	Z80232.
HCEFA94	382	822850	1 - 1593	15 - 1607	AW861577, AC005224, AC007225, AC002080, AF001549, AP001726, AC003664, AL078590, AC007688, AL160008, Z83822, AL137022, AL353140, AC004687, AC008569, AL390738, AC005277, AC002331, AP000696, AC021040, AC021040, AL355512, AL355512, and

					AL355512.
HCEFC27	383	637531	1 - 1418	15 - 1432	BG168988, AV724146, BG118424, BE895362, BF692320, AW953755, BG249338, BG030147, BG248933, BF691476, AV684186, BG249320, BG261317, BF213660, BE739426, BF978075, BF573311, BF131870, BE893387, BF542096, AA442051, BE739091, AV651541, BF211610, BG166211, AV722112, AL519881, BF978401, BE896902, AA224025, AW965954, AA126864, H84677, AW952958, AA298236, AL519882, AL533521, H84671, AV686149, N75151, R12040, H12268, AA354770, AA054028, BE897003, AA298279, AV688299, AV691722, AA343906, AA298252, AA737265, AW183455, AA258950, AV731122, AA371402, H85599, H80022, BG105124, BF130041, AW382546, H04048, H85055, Z44898, H84001, R34971, AI633856, H85049, Z40665, AI285531, AI129816, AW403608, AW341204, BE218132, AV713181, BF744929, AF121860, AC004540, AC074396, AC074396, AC074295, AC074295, and AC004540.
HCEFG93	384	745400	1 - 2266	15 - 2280	AW976010, AW965008, AW342042, AL041706, AL138455, BE061906, BF840676, AW406162, D82290, AW163293, AW574794, AL046205, AW419262, BF311000, AI697208, BE908796, AL135377, AW576391, AW518220, BG222267, BE049095, AI149478, AA720702, AL046898, BF592311, AA493708, AW270270, AI254615, BF592200, AI799642, AA533333, AL080243, AC005037, AC008403, AC004099, AC011442, AC004966, AL031985, AP001720, AC002365, AC010289, Z83840, AC007226, AL049709, AB023054, AC024561, AC005005, AC006211, AP001694, AL157372, AC005844, AL445248, AL499628, AL049795, AP000555, AC008969, AL354872, AC011484, AC004019, AC004867, AC006538, AL049712, AL160191, AC006965, L78833, AL049757, AC007707, AC025593, AL121983, AP001718, AC008115, AC007151, AL031295, AL035089, AC011299, AC008372, AC004382, AL354720, AC005041, AC006450, AC010792, AL031728, AC004913, AC004971, AL034402, Z81364, AL109825, AC011470, AC004638, AL031685, AC002316, AC003007, AL031311, AC011475, AC004712, AC004965, AF243527, AL391122, AC005304, AC011489, AL031848, AL117354, AL117258, AF001549, AL049776, AC000052, U95742, AC006057, AC008521, AL157938, AC004125, AL133551, AL034420, AC005520, AC005280, AL354864, AC018663, AC068799, AC005225, AC005409, AC008155, AC004531, AC007130, AC004895, AC008569,



					AC002350, AL117381, AL137230, AC008745, AC006312, AC002429, AC005295, AC007686, AC005034, AC007690, AP000330, AC005829, AC010422, AC005335, AC003108, AP000134, AP000212, AP000501, AL121751, Z92846, AL391833, AC004707, AB045361, AC005940, AC006205, AC022392, D87009, AL356299, AC007298, AP002534, AL031005, AC005529, AC006480, AC013458, AC006343, AP001753, AC007597, AF088219, AP001690, AC004089, AL138976, AL136179, AC021016, AP001710, AC008750, AC007216, AL137139, AL161731, AL157789, AL121920, AL158040, AC011477, AC005098, AC005089, AC004622, AP001477, AC005840, AL023583, AC005291, AC006130, AF031078, AC006038, AC004826, Z93241, AL049829, AC005209, AC007272, AC010102, AP001760, AC018720, AC018639, AC004166, AC005484, AL136981, AC004616, AJ295844, AP000124, AF030876, AL445483, AC083863, AF217796, AL022721, AC007383, AC004953, AC009516, AP001716, AL121978, AL024507, AC007537, AC004383, AL157713, AL049569, AP000113, AC009060, AC005740, AC003982, AC006014, AC005047, AC058791, AC006967, Z69917, AL109839, AL136418, AC006483, AC009756, AF200465, AC004149, AC005180, AC007191, AC005412, AC011510, AL031589, AL031681, AL035659, AL391114, AJ010770, AL008718, AC005387, AC004675, AC006994, AC008733, AL133153, AC011140, and AC068128.
HCEF31	385	801890	1 - 2247	15 - 2261	BF435509, AW084003, BF475565, AW377101, AA526186, AA570505, BF060880, AW006250, AW007762, AI458032, AA149494, AI799666, AI084783, AI341557, BF436423, AI190971, AI377966, BG055129, AI085276, AI962810, AI972710, BE645786, AI380460, AW148913, AI123203, AW957523, AI122890, AW007426, AI863238, AA603986, AI921067, AI307748, AA149490, BE149118, AI280975, AI336463, W73495, BE149114, W73595, AI367500, AW149089, BE644890, AI814701, AW450642, AI766921, BF221807, AW572106, AW957522, AA235464, AI189309, BG055905, AW072576, AI129064, AA574230, AA292528, AI589229, AA650188, AW294024, AW512227, AI580733, AA037024, AI288103, AA877009, AI660255, F24537, AA578293, AA864573, AI274628, BE149130, AW188597, BF431012, AI572782, AA374109, BE149108, AI866359, T81066, AA558228, AW515493, AA621604, AI264439, AA658397, AI652870, AA573559, AA573997, AW970032, AI567038, Z39737,

					AW236431, AW243333, AI684973, BE047605, AA047125, AA034505, AA372354, AA047126, AA729017, AW858522, AK026054, AK024499, AB027466, AR035961, AR037874, AC022763, and AC022763.
HCEFK56	386	872554	1 - 2441	15 - 2455	BE791339, BF525812, AU124328, BF343459, BE744925, BE794083, BE796625, BE798042, BE794017, BE792736, BE742390, AI147748, BF972245, BE278885, BG121682, BG253456, BF568588, AW850568, AI589755, BF310711, BE387426, AL046509, BE745709, BG029590, BE799399, AU121715, AL040296, BE250502, BF309371, BF311179, AI418510, BE888153, AW338127, BE893180, AW131159, BE612864, BE208579, AI815104, AU125380, BE715168, AI564718, AI563906, BF316494, BE882296, BE715158, AW843380, AA653737, AI936788, BE894307, BE613415, BE253341, AA600767, BE677325, AW274597, AW615467, AA600948, AW771373, BE314842, AI870268, BE882659, AI874350, BE260241, AW129455, BE254751, BE783966, AI610849, AW340587, AA522676, BF568759, BF313854, AL038797, AW376956, AI680464, AW072673, AI205066, AI499142, BF568990, AI003723, BE250609, BF943038, AI745360, AW752764, BF943043, BE743857, AW029634, AW084040, BF943623, AI281636, AA524906, AW381244, BG250768, AW381240, BF342573, AU159368, AA838045, AA683023, BE206130, W73217, BF568683, AI005092, AA576778, AW246643, AI925249, AI377814, AA815384, W73166, AA769793, AI292057, AW381234, AL039311, AW576137, AW580192, W73091, AW376908, BG165984, AI095879, AI051756, AI206518, AA825277, AL516396, AI074283, W73196, AW589561, AW675568, AI244613, AI084900, AW338159, AA977786, AI078255, BF954536, AI087416, AU141652, AW606656, AI601219, AI301677, AU158398, AA679619, AA507886, AA985094, AA488221, AI343546, AA931172, BE709999, AI338506, N36827, BE931567, AW246410, AU149052, AA280799, AL038796, BF945114, AA932246, BG107825, AU159158, AI000222, AA488168, C16663, BF950521, AA776509, BF308196, T03496, AW381239, AI769903, AW374977, AW014805, H41230, BF933731, BE830288, AI016422, AA349348, AW879684, AA633672, AW374899, AA628240, AI621099, C15751, AW374866, T03644, AW374870, AW374981, AW374879, T15403, AW374976, AW798077, AU140242, AU141945, AA349421, AA932451, AW374973, W47057, W81573, AW374980, AA351249, H42660, AV743791, BE938495, H61293, AI244619, AW062447, C15749,

					AI678917, AW374996, T78096, AW375003, AW375016, AA579012, R89668, H37765, AW103690, BF879529, BF767340, AI765151, W78202, BF447354, BF240729, T78268, BF932625, R73291, F03062, BF087132, BF307748, AI077748, R85075, T32934, H38535, N44882, F04306, W81619, R88834, T30029, T33941, W23139, AA348813, D55189, BE843836, F06799, N46047, AI698483, AA897259, AI682771, AA364816, AW389164, H51187, T92666, BE151951, R85076, AI582490, H05928, BF670024, BE796263, AX015400, X98801, U60312, X62160, AF207661, AF064205, AC005041, AC007636, AC007306, U90445, AF086947, AF086937, AF086940, AF086939, AF086945, AF086943, AF086942, AF086944, AF086941, AF086936, AF086946, AF086938, AC005041, AC005041, and AC005041.
HCEFN51	387	839253	1 - 625	15 - 639	AI697032, AI745622, AA639842, AU150480, AU150887, BG057255, BE739736, AU145421, BF589233, AU158260, AU145822, AU154044, AU157522, AA563778, AV723122, AA171848, D51180, AI745549, N63431, AW058216, AI678079, AU153350, AA132245, AI280725, BF374111, BF752185, AW058215, AL523915, AA878392, N48575, AI376853, AW512818, AI298626, AI050805, AI245996, AA053879, AA581447, AI028093, H04515, AI301863, N40670, AU156463, AI814060, BG169761, AA164541, AI343901, AU158157, BF247552, AI355527, AI348557, AU154940, N62949, AU156038, N95738, AI272731, AI242274, AA364656, AI002560, AU156320, AA053119, BF103909, AW015971, AA961881, AW072950, AA282247, AI935814, W31388, BF028095, N26394, AA977726, AA053398, AW947142, BF358840, BE148235, AI077493, W32877, AA844000, AA814057, R74095, AA327358, AI240921, AI612988, R74466, AI520794, R78205, BE960620, AA507784, R42470, R63713, AW814449, AA631643, AI124074, AI475358, BF366272, BE246054, H06059, R73574, D61045, AA852837, AA886555, H02644, AA729401, AA503311, AA844287, AI351948, AA503146, AA361665, H26474, R45982, D78929, AA319371, AI802519, AW079003, R80545, AA352853, BF058928, AA889463, R74096, R27604, AA452816, H02564, BF356447, AI374645, R27779, R43484, AW891851, BE876985, H13158, BE885889, BF035631, AV715056, R77029, AV727801, AI361195, AV715865, AU154182, AI908442, C16830, BF333823, AI867588, BF333776, BE178546, AI347572, BF241119, C04053, BF914408, AV717666, AA904729, BF890782, D63285, D25782, D79080, BF360128, R27866, BF333822, BF754876, AA053032, BE568370, BE001183,

					R30834, BF031038, T10612, C03830, AA165292, AV722196, D63295, BG105724, BE001238, AW952087, BE145003, AA283393, AC016254, AK024263, AC016254, and AC016254.
HCEGG08	388	844506	1 - 2520	15 - 2534	BF347820, BF340446, BE963976, AV706183, AV702427, AV728270, AV707783, AV706724, BE619195, BF436323, AV725927, AV706746, AV726505, AV658362, AV701611, AV704592, AV723449, AV730781, AV727932, AV732149, AV730288, AV704974, AV751921, AV659189, AV731313, AV752043, AV753374, AV731744, AV725369, AV731708, AA910649, AV702637, AV730547, AV761002, AV760693, AV731977, AV732002, AV731043, AV746276, AV731694, AV726674, AV730711, AV702798, AV662191, AV729983, AV731759, AV752443, AV751555, AV710938, AV731275, AV751573, AV732653, AV730171, AV701237, AV732353, AV730165, AV732155, AI815089, AV757088, AV710534, AV701320, AV730816, AV704916, AV731915, AV656240, AV707088, AV733303, AV756895, AV757887, AV705020, AV756053, AV755874, AV752447, AV758481, AV726067, AV705263, AV711496, AV711240, AV732089, AV710417, AV745906, AV711274, AV732746, AV702869, AV647654, AV728872, AV745415, AA701287, AV758003, AV706104, AV707117, AV727103, AV652156, AV758133, AV710825, AV711567, AV702409, AV763440, AV757553, AV710495, AV723452, AV761270, AV710375, AV728777, AV727189, AV702354, AV707171, AV729129, AV702498, AV714368, AV707686, AV763171, AV702787, AV755473, AV752684, AV709897, AV721645, AV710562, AV710906, AV746382, AV706357, AV707882, AV710935, AV687176, AV755714, H17354, AV725387, AV705234, AV705280, AV725386, AV706035, AV705047, AV757171, AV763669, AV727355, AI338026, AV704611, AV730778, AV709407, AV707685, AV704116, AV752993, AV732200, AV703012, AV730859, AV646736, AV724987, AA725780, AV702581, AV756386, AV757864, AV704924, AV701783, AV728715, AV703417, AV755335, AV701728, AV693117, AV757686, AV757281, AV702671, AV729357, AV702954, AV721318, AV728455, AV730456, AW295635, AV707589, AV709935, AV730866,

				<p> AV707948, AV726520, AV758766,  AV705662, AV697638, AV732255,  AV706683, AV723195, AV709356,  AV726624, AV745756, AV703591,  AV708423, AA580304, AV755783,  AA059396, AV726830, AV733811,  AV645778, AV726738, AV652808,  AV725281, AV706047, AV731653,  AV729220, AV704279, AW304383,  AV726480, AV706290, AV656004,  AV725152, AV699148, AV702537, AI268730,  AV702026, AV730018, AV722093,  AV728844, AV706814, AV725568,  AV705504, AV707798, AI761274, AV730449,  AV707690, AV758022, AV710146,  AV706889, AV706662, AV757671,  AV737377, AV702958, AV652547,  AV704981, AV705866, AV703232,  AA442825, AV728289, AV731884,  AV728249, AV701538, AV706234,  AV731793, AV709025, AV703367,  AV727576, AV706453, AV705343,  AV757673, AV708809, AV706899,  AV736429, AV721993, AV701560,  AV701586, AV711413, AV701499,  AV762873, AV701496, AV705416,  AX020190, AR088705, AR091393,  AR079804, AR017907, AX008555,  AX035462, AX032758, I13349, AX009712,  AX035980, A91965, I66498, I66495, I66494,  I66487, AX046332, I66497, I66496, I66486,  I66488, I66489, I66490, I66491, I66492,  I66493, I66481, AR089207, AR089206,  AR089208, AR089205, A83642, A83643,  I66485, A83151, I66482, I66483, I66484,  X81969, A91752, A58524, AR075286, I05488,  A58523, A60977, A92133, AX006823,  I08196, A60961, AX008865, AX008867,  AX008868, AX021518, AR027319, A91751,  AR027318, AX006821, AR067731,  AR067732, A86792, A58522, AX042372,  AX003194, A25909, AX027908, AX027904,  AX027906, A68112, A68104, A06419,  A21892, AX033247, A23997, AX033249,  A68114, A89633, A89634, AR037157,  AR054109, A21895, AX008265, A05160,  A08030, A20502, AR062872, AR062873,  A64973, A20702, A43189, A43188, A84772,  I63560, I63561, I63563, A84776, A84773,  A84775, A84774, AR028564, AR073846,  AX026824, AX026823, A47368, I19516,  I19517, AR069362, AR080280, AR069364,  AR009152, AR009151, AX006825,  AX006826, AX006822, AX001082, A60985,  A60990, AR091716, AR002333, A60987,  A76773, A22413, AR062871, I08776,  AR093385, E14304, A81878, AR069374,  I25027, AR069426, AR069375, I26929,  I44515, I26928, I26930, I26927, I44516,  E16678, I25041, AR093392, A38214, I56772, </p>
--	--	--	--	---

					<p>I95540, AX027815, A95096, A95106, A95105, A98767, AX006816, A93963, A93964, I15353, AX006030, A91750, A32110, A20700, I07249, AR068508, AR068510, AR068509, A63954, AR091571, AR085090, I58322, I58323, AR003585, AR035975, AR035974, AR035977, AR035976, AR035978, I08051, A58521, A91754, AX026821, AR031374, AR031375, AX001325, AX001326, AX001323, AX001324, AR020969, A29109, A32111, AR038762, AX006017, AX006002, AX001322, A49700, AR085082, AR085089, AR085091, AR085079, AR085083, E12584, AX009487, AR036903, A90655, AX032993, AX032992, I01987, AR038855, AX028305, I44681, A85395, I18895, AJ244004, A85476, AR008429, AJ244005, AX047064, AJ244003, A92666, A92668, A92667, A92665, I63120, X12660, A98420, A98423, A98432, A98436, A98417, A98427, Y16359, D78345, X83865, A93016, A18053, M28262, AX011024, AJ244007, AX003207, I15717, I15718, E03627, AR096545, I49890, I48927, AR069650, A02712, A77094, A77095, AR080470, I84553, AR077142, AX033488, AX033489, AX033490, A95051, I84554, R19887, R36218, R36219, R45109, R47916, R48022, R45109, R56735, R56889, R60948, R61616, R69372, R69373, H04883, H10768, H16569, H16611, H17326, H19244, H19243, H26851, H75829, H75830, N78459, W15236, W39643, AA099547, AA099546, AA133785, AA133786, AA135871, AA137176, AA464784, AA491517, H65400, AA902408, AA932084, AA938012, AA436997, AA488171, AA488225, AA897754, AA922133, AA972881, Z39481, Z42770, Z43409, Z43600, T16709, AA947105, F02239, F02924, F06672, AC078894, AC025781, AC026815, AC027034, AC027035, AC027135, AC034258, AC035249, AC066689, AC068924, AC069474, AC073555, AC078893, AC024261, AC024594, AC068667, AC073166, AC074226, AC074108, AC027036, AC026757, AC027037, AC077693, AC074196, and AC078898.</p>
HCEGH74	389	847036	1 - 1110	15 - 1124	<p>BE300065, BF337089, AW161800, AI475535, AA074357, AI146283, AI242025, AI935912, AI278474, AW302581, AI032317, AI198172, W68501, BE299966, AI264644, AA833948, W68385, BF838942, H18424, N74089, R99449, AV735318, AV744484, R99350, AA780255, AA350516, AV740970, AV742609, H72031, AI014800, BE937721, H09684, AA774896, H18532, AC003665, AB018318, and AC003665.</p>
HCEGK81	390	844452	1 - 1772	15 - 1786	<p>AA443751, BE891080, AA476802, BF115025, AA613973, AI363116, AI796565, AV762162,</p>

				<p>             BF343671, BE792565, BG009661, BE897079,              AW847624, AW023111, AW970571,              AW865946, AI291309, AA812058,              AA410788, AV699830, AU147162,              AW806990, BE062478, AV700427,              BE062476, AW958962, AI635028,              AW272294, BE538860, AV760918,              AI799645, AA706495, AI251284, AI923052,              AW970987, AA228778, AI251034,              AW873261, AW069412, BF868994,              AW833047, AI223968, AI754170, AI251203,              BG250286, AW572721, BE139139, T74524,              AI609972, AI792575, AV754716, AI250552,              BE138387, AV695478, AA486819, AI613389,              AI923050, AA053463, AI017251, AA829036,              AI056177, AI243793, AI284543, AW833865,              AW303098, AW237905, AI282479,              AA504818, AW974932, BF817546,              AA483606, BF771774, AV762430,              AW969743, AL038936, AA715814,              AW851405, AW872676, AW268329,              AA570740, BG169404, AA613624, AI923451,              AI223626, BF528591, AA225406, AA704393,              AW850230, AI864500, AA630845,              AC004216, AC011497, AC004491,              AC005972, AL133548, AL078463,              AC025263, AC004001, AL133240, AP000014,              AL096701, AL050343, AC004965,              AC002543, AL136298, AP001729, AC006236,              AP000065, AP001436, AL121900, AC005726,              AL031737, AC008733, AP000156, AC005102,              AL356057, AC020898, AP001714, AL122015,              AL031311, AC006064, AC004874,              AL133246, AC010419, AF196972, AC009311,              AL133387, AL033527, AP000104, AC007242,              AF111168, AL031667, AC009194, AL033521,              AL356244, AL035420, AC008556,              AC005920, AP000511, AL357752, AL080243,              AL139343, AC000353, AL117258,              AC004013, AL096814, AC016644,              AC015973, AC006958, AC083861,              AL137784, AL121758, AC007551,              AC008040, AC005736, AC012384, Z98052,              U95090, AC007345, AL136223, AC004534,              AJ010770, AC005005, AC004826, AL133551,              AC002312, AC004752, AB023048,              AC004867, AL355392, AC007956,              AC004743, AF312915, AC005288, AL139286,              AC005794, AC005300, AC005821,              AP001719, AC015853, AC005377, AL138725,              AC016655, AC005233, AL137119,              AC007263, AP000244, AC006337, AL118520,              AL031585, AC005065, Z98200, AL132713,              AP000555, AC006582, AC002350, AL161445,              AC006013, AC004081, AL049569,              AL109798, AC008124, AC021036, Z83826,              AC004067, AL031577, AL031589, Z85987,              AL137162, AC000026, AL078581,              AC009244, AC004694, AC016995,              AL353140, AL121891, AC011455,           </p>
--	--	--	--	---

					AC010311, AP001724, AL121656, AL034548, AC002531, AL355094, AC022148, AC004963, AC004895, AC018720, Z98744, AC009060, AC002059, AC002287, AP001760, AC005399, U91322, AL157838, AL008635, AP000116, AC005200, AC003010, AC008641, AC002316, AL158824, AL049757, AC004840, AP001710, AC011248, AL121652, AC008848, AC004596, AC006466, AP000008, AC002525, AL121868, AP001711, AL139039, AP000134, AP000212, AC083866, AC005069, AB000877, AP001695, AP001716, AC002351, AC005786, AC006046, AC008865, AC004998, AL135901, AC006948, AL109984, AP000704, AP000558, D87675, AL031673, AC007384, AC008277, AP001717, AL035407, AC020626, AP001709, L78810, AC002551, AP000501, AC008623, AL136418, AL031659, AC008569, AC004098, AL133553, AC083864, AL137796, AC007395, AF109907, AC005412, AL022328, AC011450, AC020906, AP001728, AC004253, AF196779, Z93020, AC004815, AL009181, Z98884, AC002430, Z97056, AC005011, AC026204, AL135928, AC004832, AC005080, AL024508, AC020916, AL135787, AC008392, AC005629, AP001747, AC009134, Z84469, AL031670, AL157877, AL353804, AC004835, AC005933, AC004675, AL096793, AL109627, AC008474, AC008736, AL157791, AL049631, AC005323, AL022345, AL359382, AC006001, AC004673, AC009516, AC004143, and AC002301.
HCEGS49	391	846298	1 - 1674	15 - 1688	BF106368, BG249643, AL046409, AI334443, BF677892, AW303196, AI284640, BF241967, AW301350, BF668217, AV710066, AV761362, AW965008, AV763971, AV762098, AF330238, AW410400, AW274349, AW574794, AV763354, AW833862, AV760937, AI431303, AI281881, AI345654, BE150580, AA720702, AI270117, BE160727, AV735495, AW193265, BF915722, AV735370, AV728425, AW500125, BG059450, AV740801, AI457397, AA610491, AV760777, AW419262, AW028429, AV725423, AL138455, AV742057, AA587604, AL046205, AV761489, BF915247, AI754955, AV733830, AL119691, AW953071, AV759362, BF991286, AU147104, AW518220, AV762111, AW438643, AW502975, AW872676, AV764578, AW503666, AW265393, AI149478, AV757607, AW072923, AV725431, AV763255, AI289067, AW576391, AW021583, AI307201, AI679782, AV762395, AL041706, AL134972, AW265385, AV734666, AV761786, AV764241,



09950083 091201

				AA631507, AW472872, BE042649, AI471481, AA491814, AA490183, AI345518, BF965007, BF793766, AV759274, BF697673, AW662543, BF679274, BG036665, AI473943, AV763540, BE047069, AI754658, AW731867, AA652764, BE049139, BE160516, AW338086, AW270270, AV764228, AV762050, AA581903, BE881336, BF592311, W79504, BF915628, AA613227, BF681427, AW473163, AW872575, AV759507, AV760042, AI537955, AW406162, AI358571, AV652936, F36273, AI053672, AV658688, AI064864, AL048626, AV761155, AI355206, AW029038, AV762139, AA806796, AV762064, AU147800, AL138265, BF592200, BF851403, AV761925, BE674881, BG179221, AA167055, AI133164, AV757425, BE206443, AW193432, AI379719, BF339640, AW970848, AA613345, AA649642, AV763670, AV762397, BF311000, AI375710, AI499181, BE672637, AV718260, AI754336, BF939954, AW088202, BF724767, AW265170, BF940837, AI085719, AI421841, AV702857, AI688846, AI537506, AI254615, AI564185, AV762959, AF074677, BG179731, AA469451, AF150152, AV760571, AV729912, AW975425, BF854876, AA587256, AV703682, AI619997, AV762009, AW276827, AW103758, AI344844, AV761631, AV759204, BE908796, AI801591, AV713243, AI246796, AV764530, AI339850, AL526979, AW073470, AI969436, AV760057, BG167743, AW576503, BG222267, BG236735, AW276435, AV761745, BE967369, BF724372, AV761843, AA126450, BF541120, AC006213, AL450226, AL049776, AL035608, AC006345, AC005913, AL137039, AC008519, AC005768, U66059, D83989, AC025593, AC008752, AL050307, AC011510, AL031276, AL390738, AC006960, AC005914, AC005154, AC011442, AC006479, AC020893, AC003692, AC007739, AC018751, AC004751, Z82173, AL162458, AC022493, AL121658, AL359012, AL050335, AL359457, AC023344, AC006057, AC027689, AC006989, AL354696, AC009399, AC006312, U18394, AL049796, AC005180, AP000503, AL136311, U18391, AC006045, AC004971, U57009, AC004381, AL158830, AJ246003, AF015156, AF001549, AC007676, AL035460, AC009516, X54181, AC004987, AL008718, AC008064, AC005921, AL122000, AC004099, AL031311, Z99716, AL035494, AC006210, AC008569, AL139009, AL121983, AC011495, AC008372, AC005531, AL109920, AL121904, AC006539, AC004106, AC006501, AC007041,
--	--	--	--	--

					AC003003, AF134726, AL008728, AF015151, AF015149, AP001716, AL136980, AL078461, AL135927, AL353807, X54175, AF077058, AL356094, U57005, AC004638, AC005412, AC009244, AC004815, AL138755, AC007245, AF241725, AL133448, AL109623, AL096771, U95090, U91323, AF015148, AF123462, AC020904, X54178, AC005358, AC077690, AC020550, AL356299, AF109907, AC004825, AC004673, AL080243, D87675, X55925, AL136526, AC016903, AC005839, AC008886, AL159152, AL109805, AC006376, Z93015, AC007243, AC007227, AC009406, AC000092, AC007091, AF302689, AL121964, AL121903, AC026341, AC005393, AC018720, AC005529, AP000501, AL450224, AC005387, AC020552, AC008265, AC004972, AC003101, AL157372, AL136444, AC007383, AC008687, U18395, AC013737, AL391867, X75335, AL139099, AC006996, AC009075, AL049795, AC020916, AC004453, AL356473, AC006983, U18399, X55923, U18393, AC009004, AC005695, AC004990, AL365475, AC008623, AF243527, AL034380, AC002470, AC007686, AC006925, AL157756, AL136981, Z84480, AL389883, AC020663, AL133387, AL355916, Z84487, AL049845, AL161655, AL118497, AP000112, AC009470, U18392, AC005527, AL023583, AC004491, AC002457, AL163279, AC011811, Z97195, AC000035, AL162505, AC025264, AL445248, AL160237, AL161731, AC006128, AC073593, AC010879, AL034372, AC004686, AC010643, AC007151, AL136532, AP002529, AL136418, AC009600, U18387, AC004841, U95742, AC002563, AC007274, AC008764, AC004940, AL109804, Z86061, AC008770, AP001694, AL445984, AC006967, AL499628, AP001432, AC069077, AC003108, AP001672, AC018738, AF124523, AC003663, AC006017, Z69666, AL354670, AC003085, AC006251, AC006274, AC018719, AC006511, AL096840, AL139382, Z69917, AL049557, AL356535, and AL356535.
HCEGU75	392	658670	1 - 1473	15 - 1487	BF981660, BF685192, BF038648, BF342088, AI684664, BE904021, AW246657, BE786013, AI819396, AW474451, BE790337, BF515606, AI224933, BE502853, AA857894, BF590803, AI017549, BE551214, AI769337, BE671006, BF431266, BE300752, AI017976, AW190690, AA603749, AI354360, H06972, AI498969, AA460347, N57956, AA642968, AA401323, AA024573, N94972, AA729823, AA411548, AA758511, AA460776, BG118868, AW246414, AA024574, AI927462, W78041, AA403032, AW117427, AI198324, AA972802, AW161307, AA888960, R15775, D20809, AV704595, AA603748, T09106,